

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082324\  
 Data File : BN033594.D  
 Acq On : 23 Aug 2024 17:47  
 Operator : MA/JU  
 Sample : P3663-12DL 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-SD-0.5-1-081624DL

Quant Time: Aug 24 02:17:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 23 00:22:18 2024  
 Response via : Initial Calibration

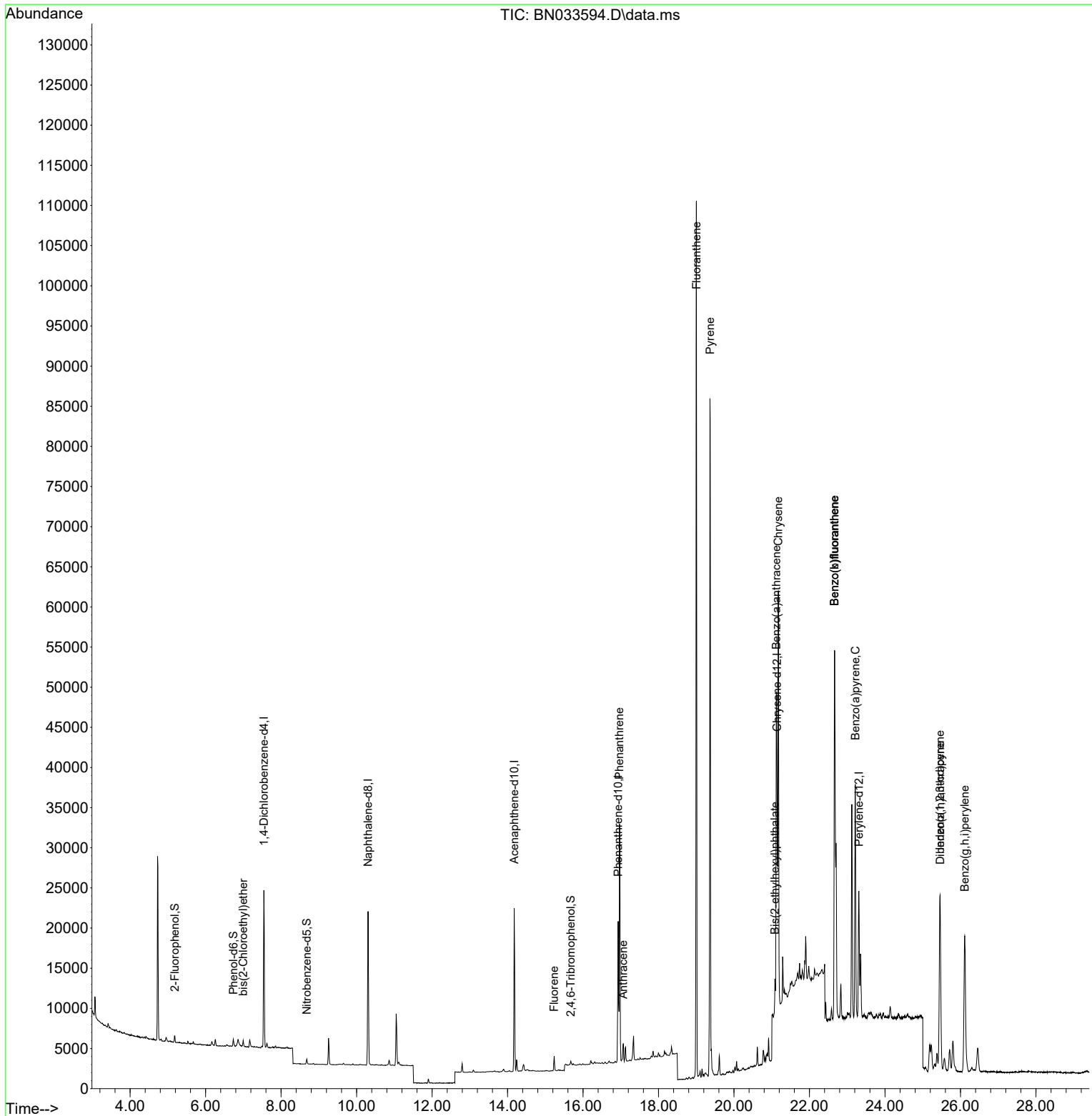
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	9008	0.400	ng	0.00	
7) Naphthalene-d8	10.304	136	23701	0.400	ng	0.00	
13) Acenaphthene-d10	14.178	164	11030	0.400	ng	0.00	
19) Phenanthrene-d10	16.929	188	21186	0.400	ng	0.00	
29) Chrysene-d12	21.139	240	16993	0.400	ng	0.00	
35) Perylene-d12	23.309	264	19301	0.400	ng	0.00	
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	650	0.023	ng	0.00	
5) Phenol-d6	6.736	99	761	0.022	ng	0.00	
8) Nitrobenzene-d5	8.681	82	507	0.026	ng	0.00	
11) 2-Methylnaphthalene-d10	11.903	152	657	0.019	ng	0.00	
14) 2,4,6-Tribromophenol	15.676	330	146	0.025	ng	0.00	
15) 2-Fluorobiphenyl	12.799	172	828	0.018	ng	0.00	
27) Fluoranthene-d10	18.970	212	687	0.013	ng	0.00	
31) Terphenyl-d14	19.583	244	450	0.012	ng	0.00	
Target Compounds							
6) bis(2-Chloroethyl)ether	6.996	93	1015	0.042	ng	#	26
18) Fluorene	15.236	166	1142	0.027	ng		99
25) Phenanthrene	16.966	178	31090	0.527	ng		100
26) Anthracene	17.066	178	2267	0.043	ng	#	92
28) Fluoranthene	19.003	202	93881	1.441	ng		99
30) Pyrene	19.365	202	74614	0.984	ng	#	95
32) Benzo(a)anthracene	21.121	228	31050	0.505	ng		97
33) Chrysene	21.175	228	45225	0.741	ng		97
34) Bis(2-ethylhexyl)phtha...	21.086	149	4075	0.105	ng	#	92
36) Indeno(1,2,3-cd)pyrene	25.460	276	33635	0.420	ng	#	93
37) Benzo(b)fluoranthene	22.665	252	69363	0.962	ng		98
38) Benzo(k)fluoranthene	22.665	252	69363	0.978	ng	#	96
39) Benzo(a)pyrene	23.215	252	38335	0.643	ng		98
40) Dibenzo(a,h)anthracene	25.466	278	7176	0.112	ng	#	66
41) Benzo(g,h,i)perylene	26.112	276	33462	0.488	ng		99

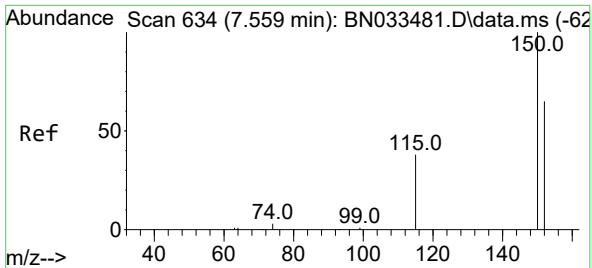
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082324\  
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 919-J-SD-0.5-1-081624DL

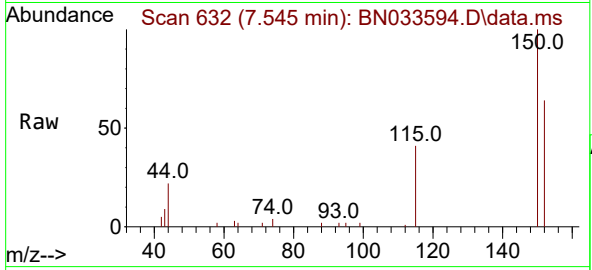
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 23 00:22:18 2024  
 Response via : Initial Calibration



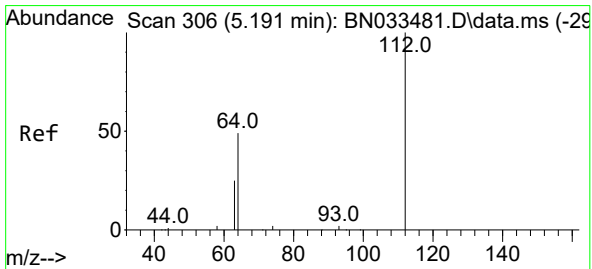
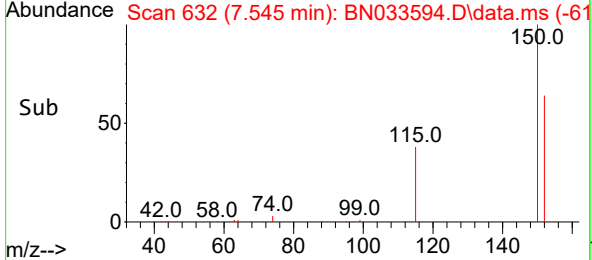
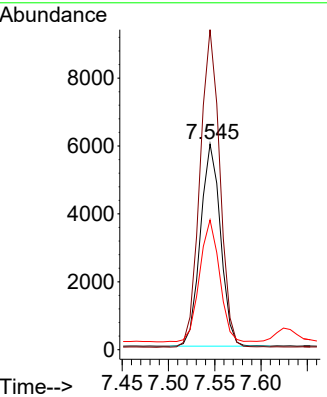


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.545 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

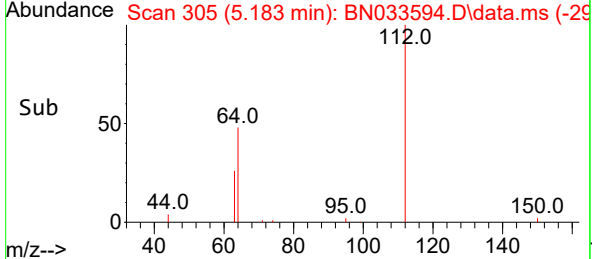
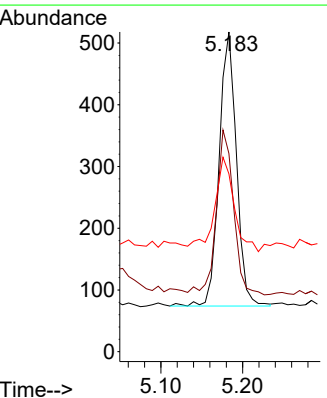
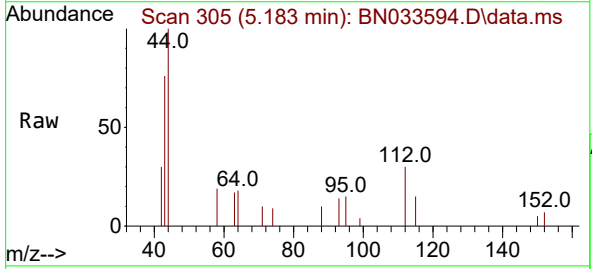


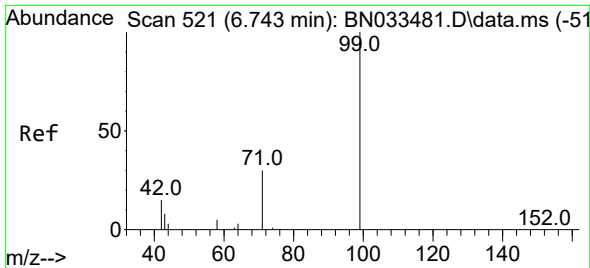
Tgt Ion:152 Resp: 9008  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 122.2 183.2  
 115 63.1 47.2 70.8



#4  
 2-Fluorophenol  
 Concen: 0.023 ng  
 RT: 5.183 min Scan# 305  
 Delta R.T. 0.007 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:112 Resp: 650  
 Ion Ratio Lower Upper  
 112 100  
 64 60.5 47.1 70.7  
 63 39.1 24.9 37.3#

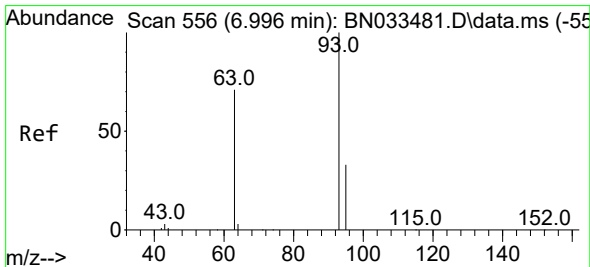
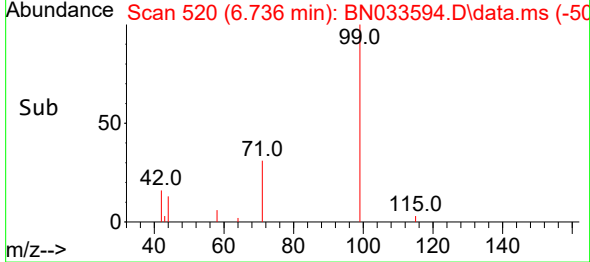
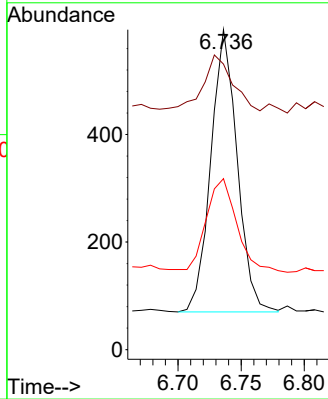
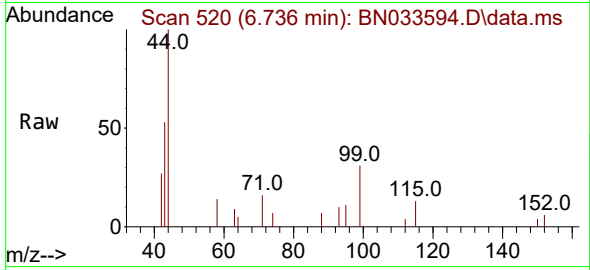




#5  
 Phenol-d6  
 Concen: 0.022 ng  
 RT: 6.736 min Scan# 511  
 Delta R.T. 0.007 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

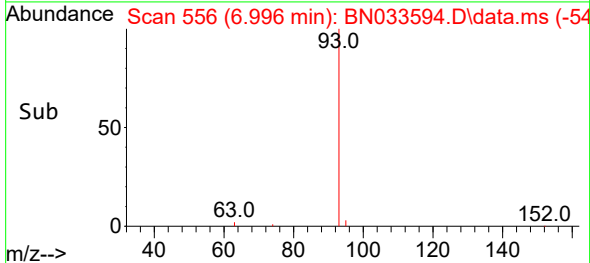
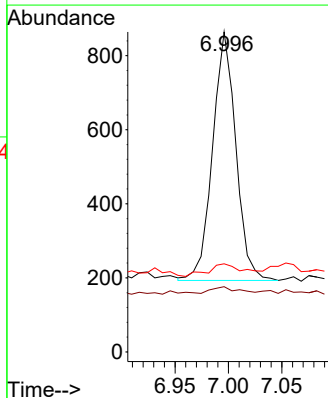
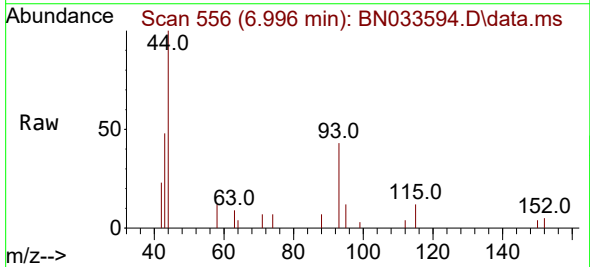
Instrument :  
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 919-J-SD-0.5-1-081624DL

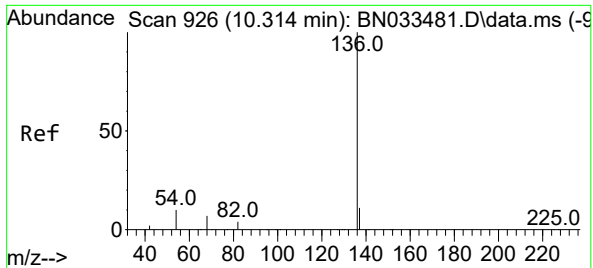
Tgt Ion	Resp	Lower	Upper
99	100		
42	22.2	16.6	24.8
71	38.6	26.2	39.4



#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.042 ng  
 RT: 6.996 min Scan# 556  
 Delta R.T. 0.014 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion	Resp	Lower	Upper
93	100		
63	2.9	63.0	94.4#
95	7.4	26.0	39.0#



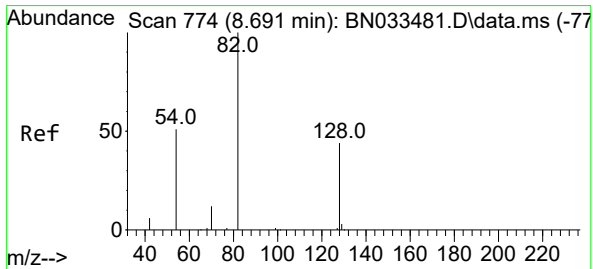
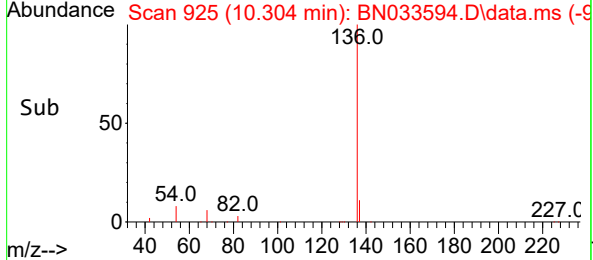
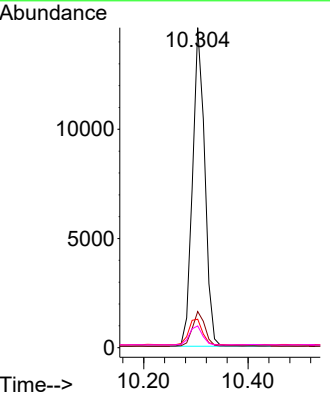
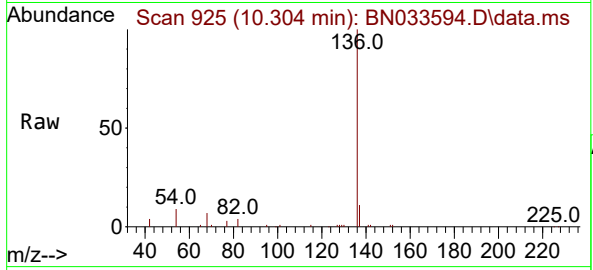


#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.304 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

Tgt Ion:136 Resp: 23701

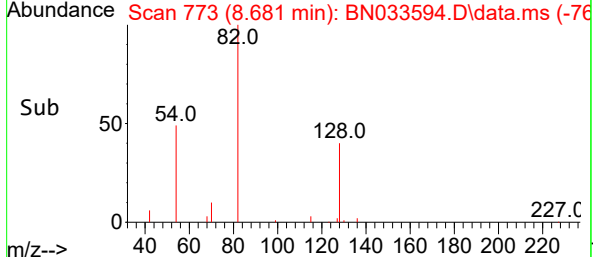
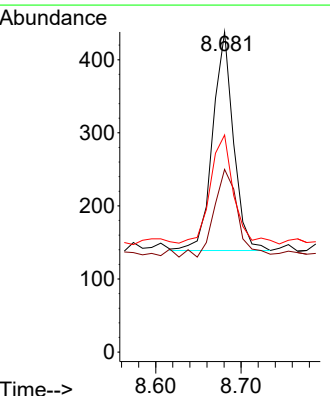
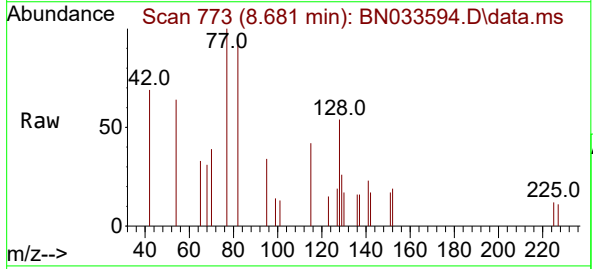
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.9	8.3	12.5
68	6.8	5.9	8.9

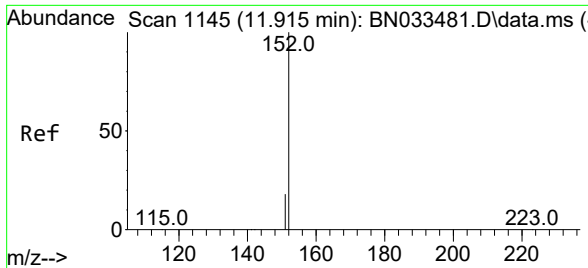


#8  
 Nitrobenzene-d5  
 Concen: 0.026 ng  
 RT: 8.681 min Scan# 773  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion: 82 Resp: 507

Ion	Ratio	Lower	Upper
82	100		
128	57.1	36.0	54.0#
54	67.8	42.0	63.0#

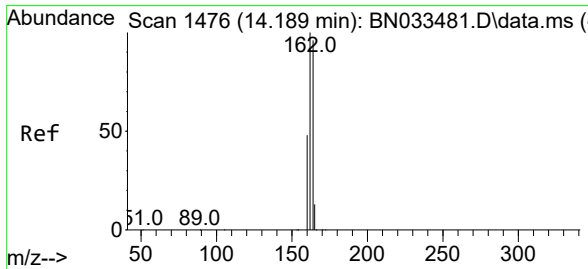
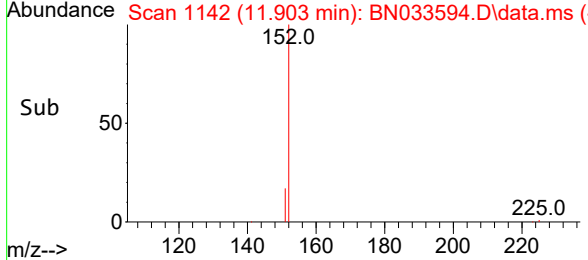
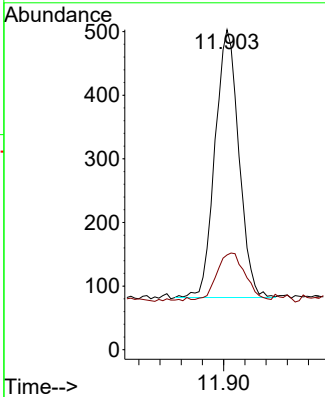
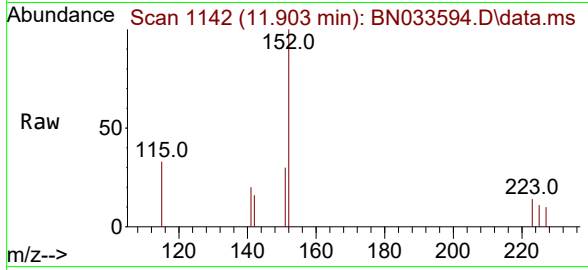




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.019 ng  
 RT: 11.903 min Scan# 1142  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

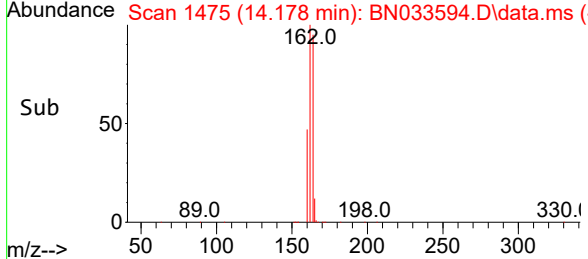
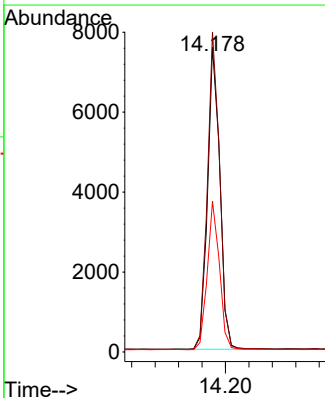
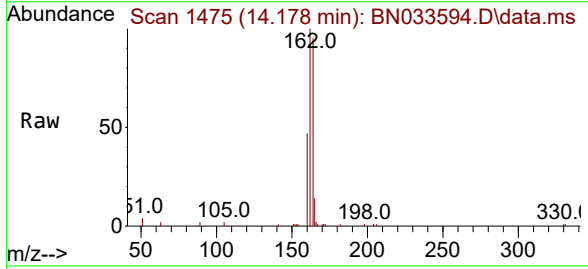
Instrument : BNA\_N  
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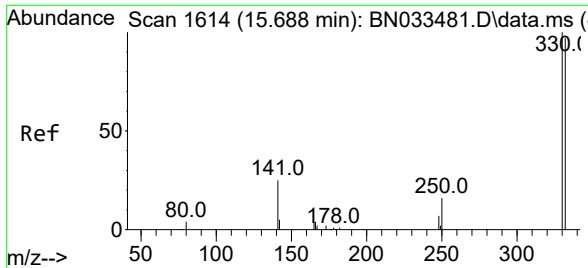
Tgt Ion	Resp	Lower	Upper
152	100		
151	20.7	16.6	25.0



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.178 min Scan# 1475  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion	Resp	Lower	Upper
164	100		
162	104.9	83.5	125.3
160	49.4	40.2	60.4

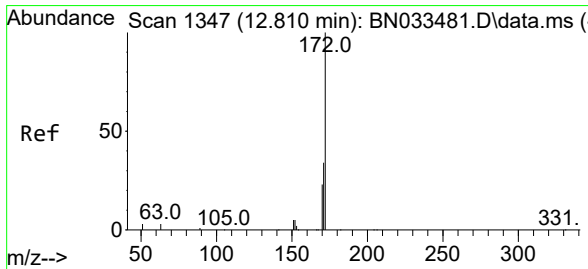
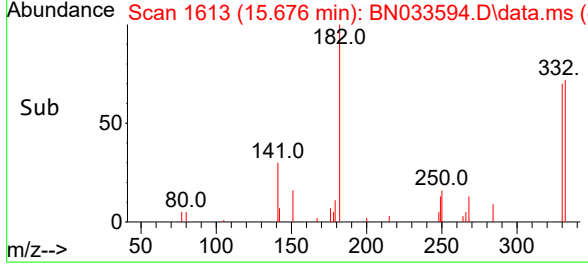
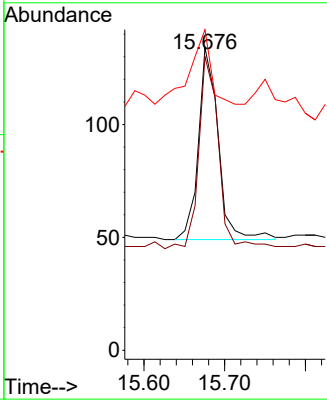
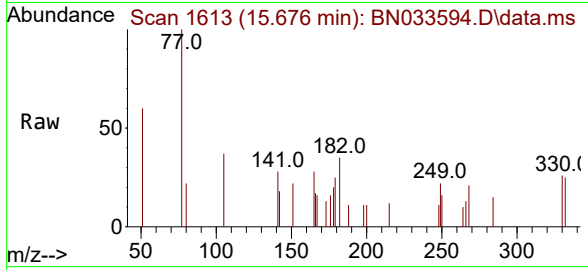




#14  
 2,4,6-Tribromophenol  
 Concen: 0.025 ng  
 RT: 15.676 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

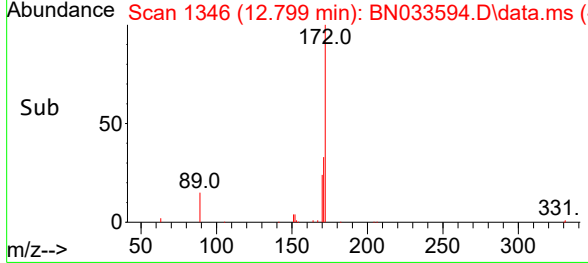
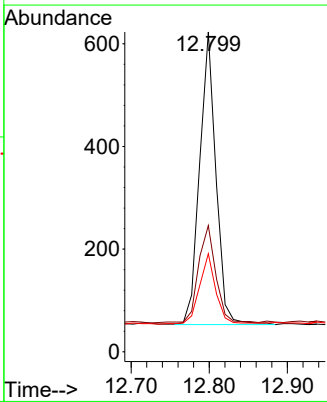
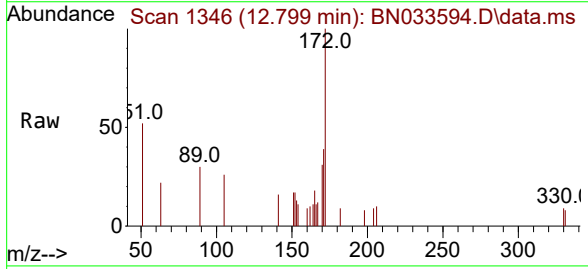
Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

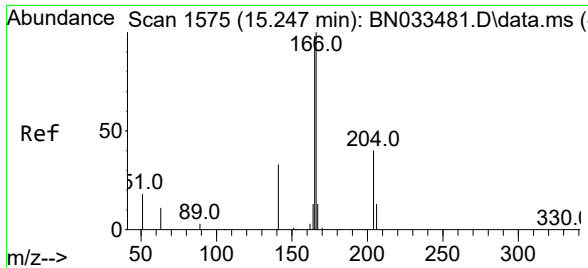
Tgt Ion	Resp	Lower	Upper
330	100		
332	99.3	77.5	116.3
141	40.4	33.9	50.9



#15  
 2-Fluorobiphenyl  
 Concen: 0.018 ng  
 RT: 12.799 min Scan# 1346  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion	Resp	Lower	Upper
172	100		
171	39.5	27.7	41.5
170	30.7	18.3	27.5



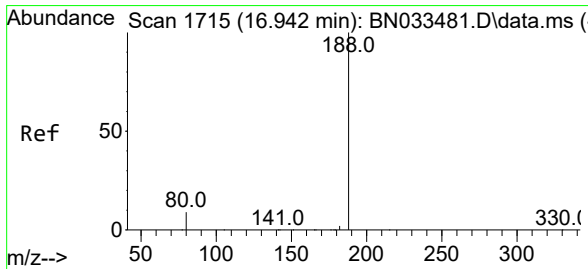
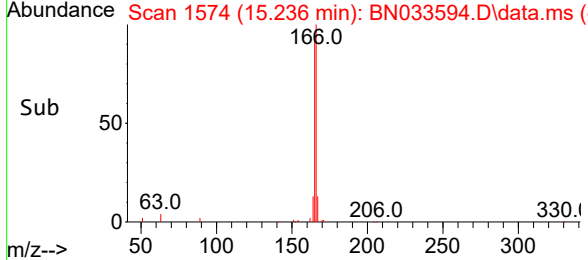
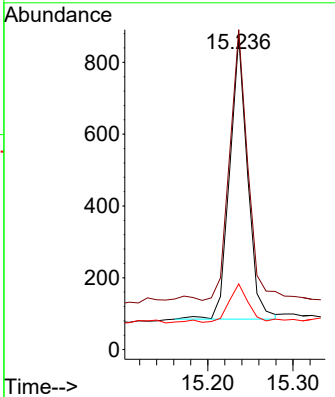
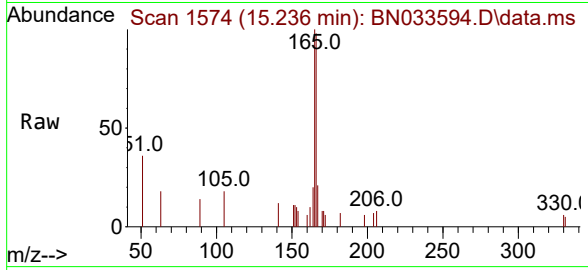


#18  
 Fluorene  
 Concen: 0.027 ng  
 RT: 15.236 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

Tgt Ion:166 Resp: 1142

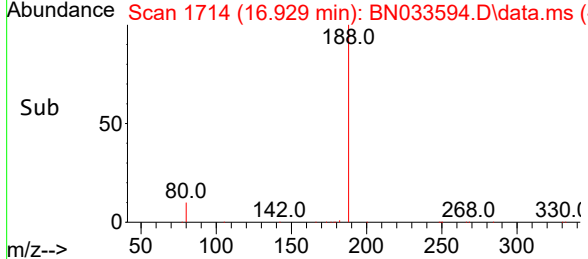
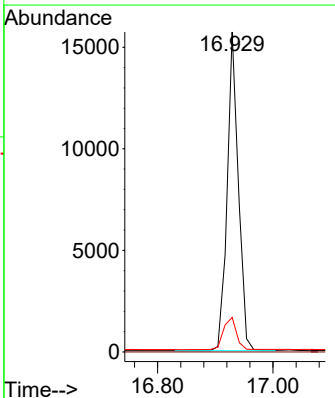
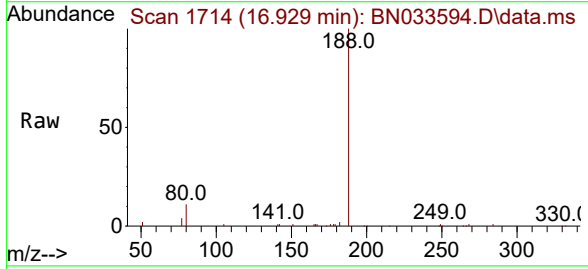
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.4
167	15.2	10.6	16.0



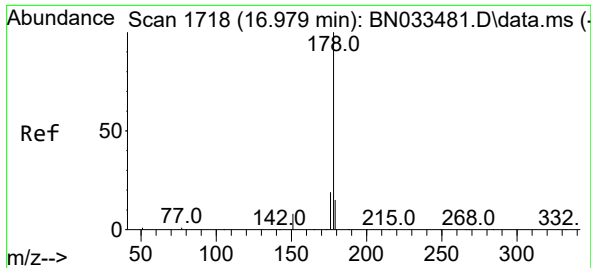
#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 16.929 min Scan# 1714  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:188 Resp: 21186

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	7.8	11.8



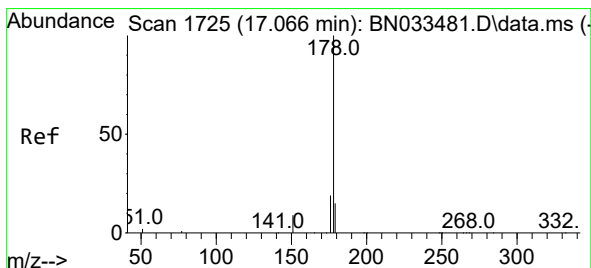
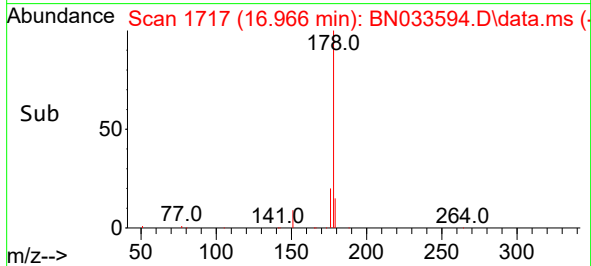
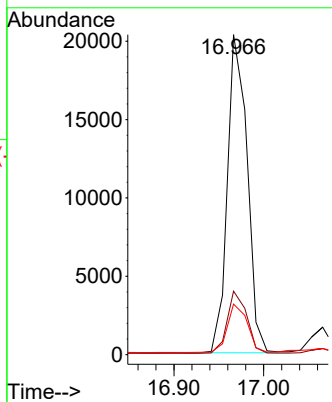
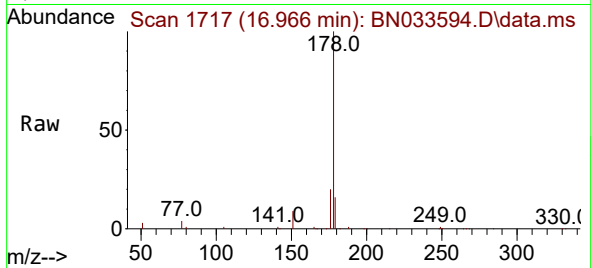




#25  
 Phenanthrene  
 Concen: 0.527 ng  
 RT: 16.966 min Scan# 1717  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

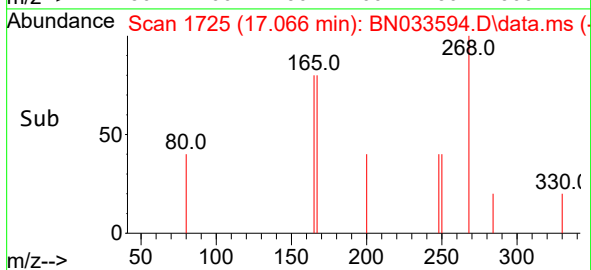
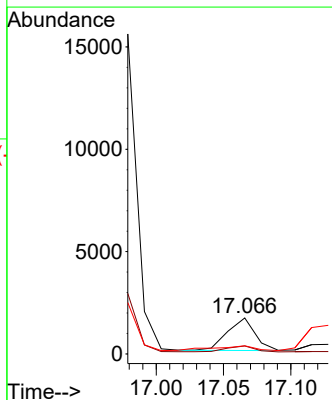
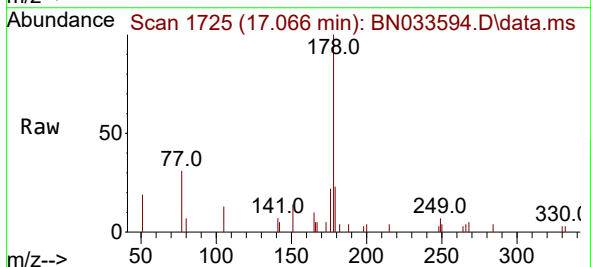
Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

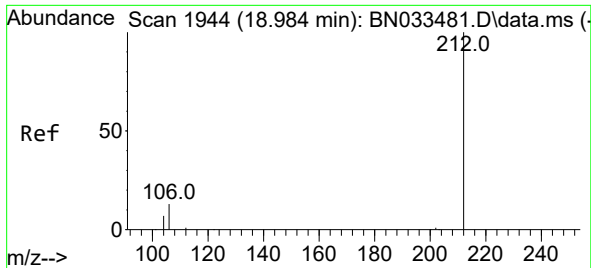
Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	31090	100		
176	19.2	15.3	15.3	22.9
179	15.3	12.3	12.3	18.5



#26  
 Anthracene  
 Concen: 0.043 ng  
 RT: 17.066 min Scan# 1725  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	2267	100		
176	17.8	15.0	15.0	22.6
179	21.9	12.4	12.4	18.6#

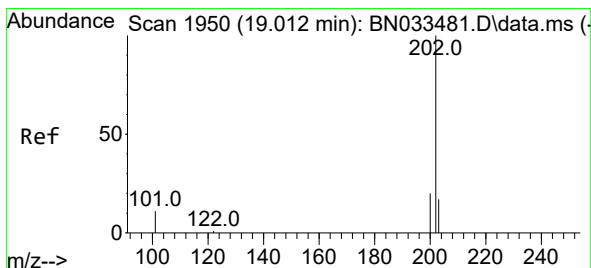
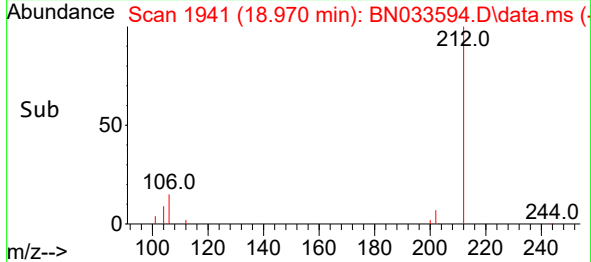
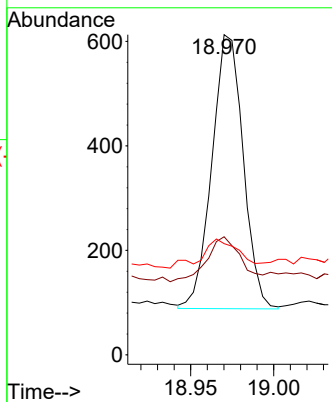
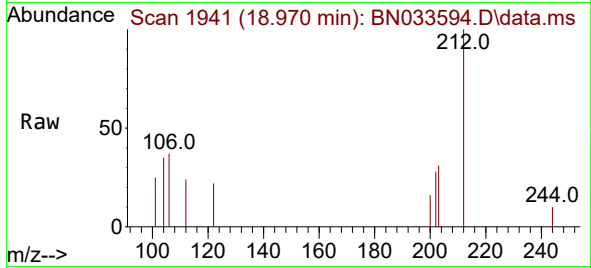




#27  
 Fluoranthene-d10  
 Concen: 0.013 ng  
 RT: 18.970 min Scan# 1941  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

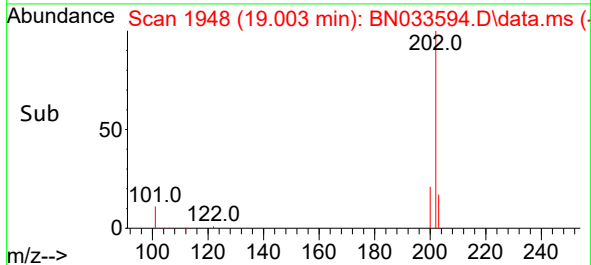
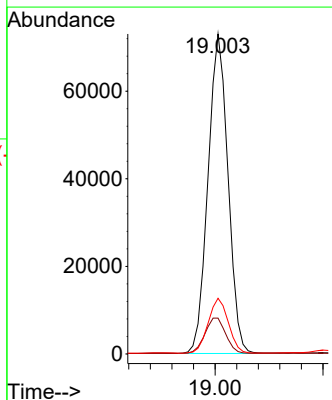
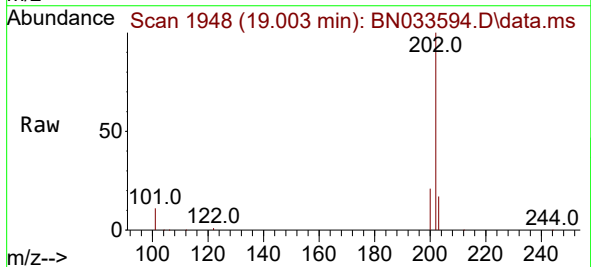
Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-SD-0.5-1-081624DL

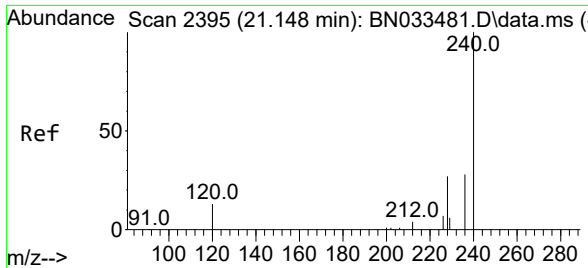
Tgt Ion:212 Resp: 687  
 Ion Ratio Lower Upper  
 212 100  
 106 17.8 12.3 18.5  
 104 13.1 7.0 10.4#



#28  
 Fluoranthene  
 Concen: 1.441 ng  
 RT: 19.003 min Scan# 1948  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:202 Resp: 93881  
 Ion Ratio Lower Upper  
 202 100  
 101 11.5 9.5 14.3  
 203 17.3 13.8 20.6

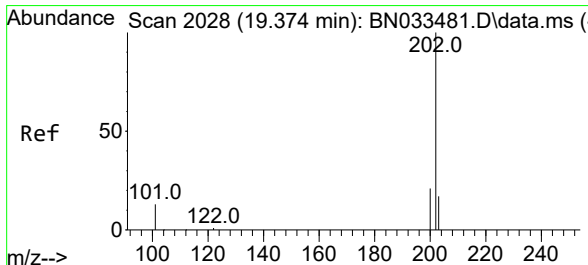
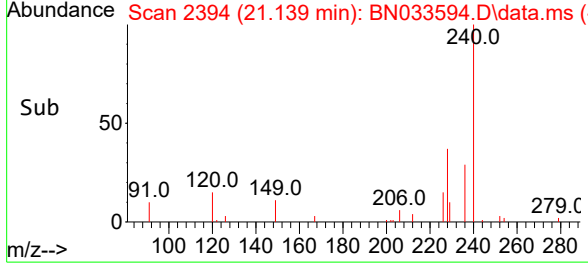
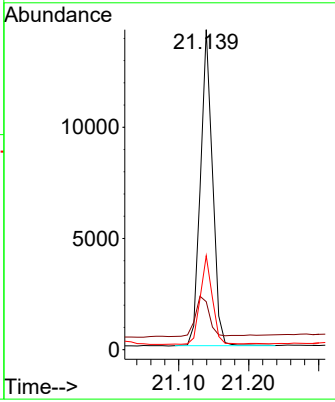
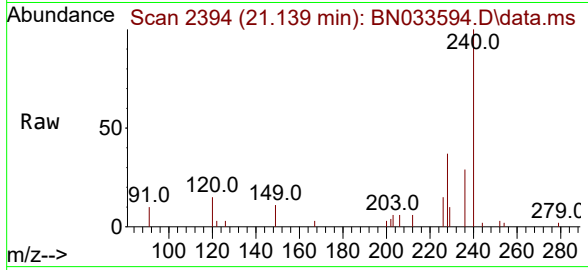




#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.139 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

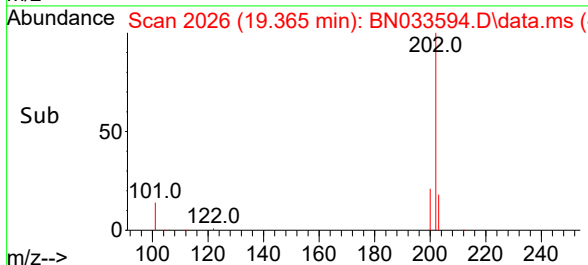
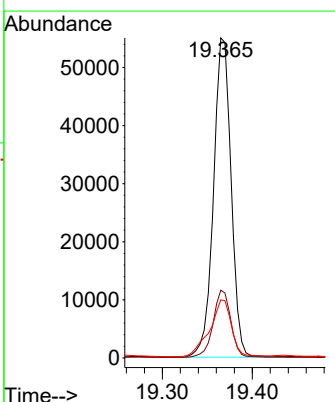
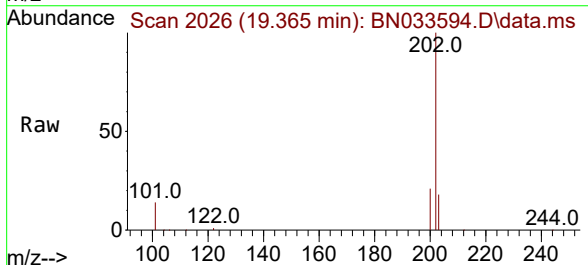
Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

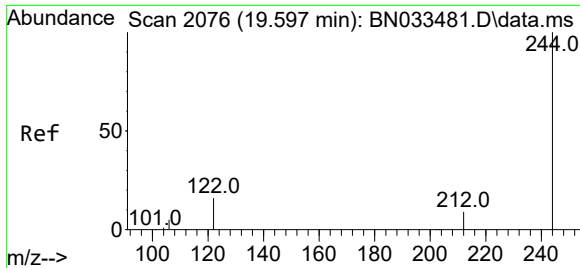
Tgt Ion	Resp	Lower	Upper
240	16993		
120	15.0	12.4	18.6
236	29.4	23.0	34.6



#30  
 Pyrene  
 Concen: 0.984 ng  
 RT: 19.365 min Scan# 2026  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion	Resp	Lower	Upper
202	74614		
200	21.2	16.6	24.8
203	22.0	14.2	21.4



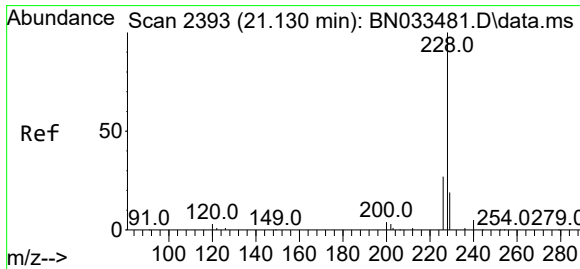
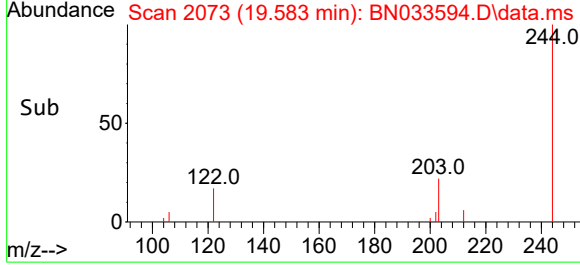
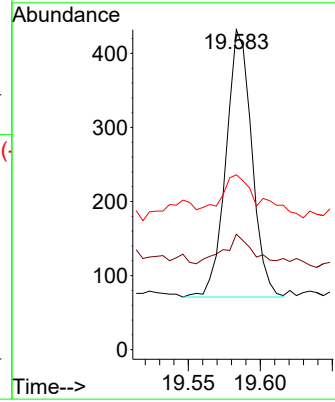
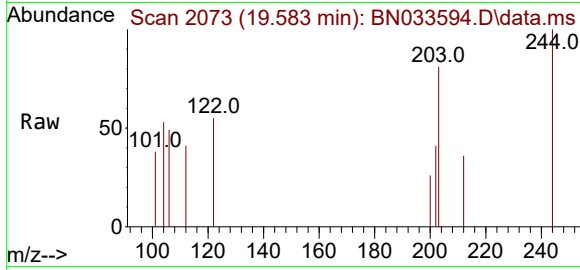


#31  
 Terphenyl-d14  
 Concen: 0.012 ng  
 RT: 19.583 min Scan# 2073  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

Tgt Ion:244 Resp: 450

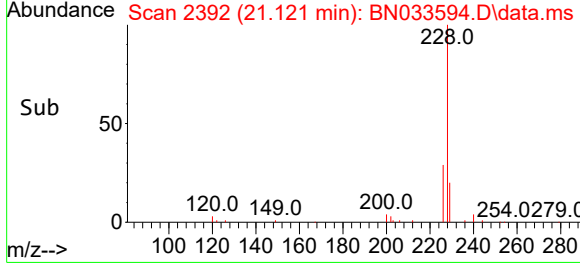
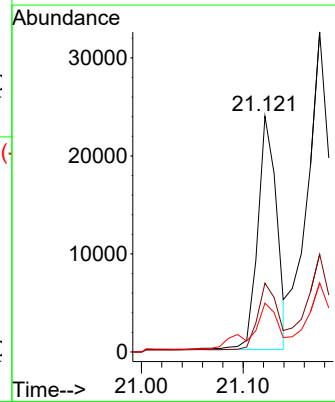
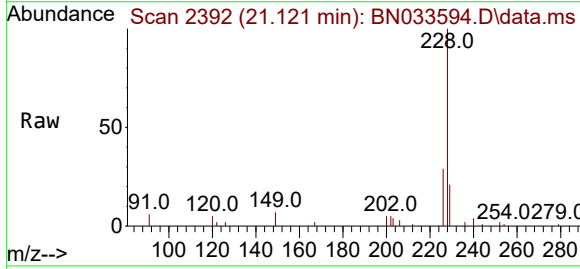
Ion	Ratio	Lower	Upper
244	100		
212	36.1	7.8	11.6#
122	54.6	13.3	19.9#

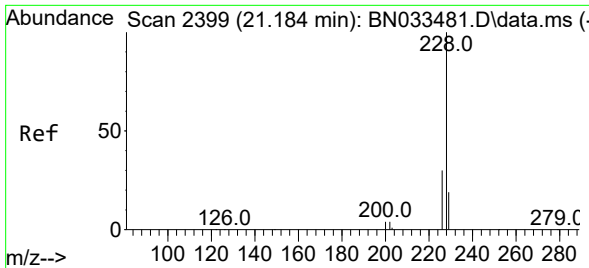


#32  
 Benzo(a)anthracene  
 Concen: 0.505 ng  
 RT: 21.121 min Scan# 2392  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:228 Resp: 31050

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.6
229	20.7	15.8	23.6



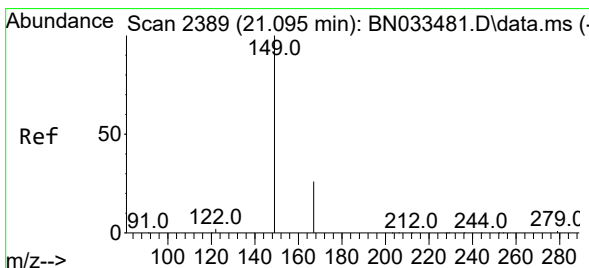
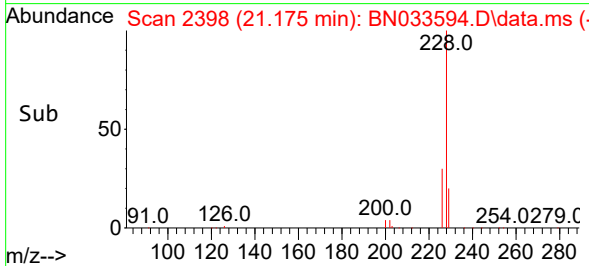
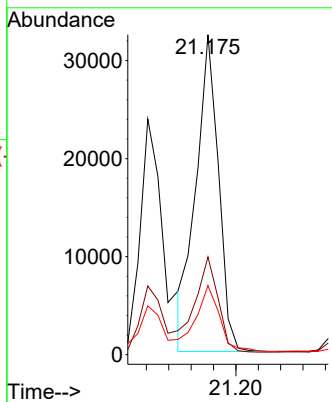
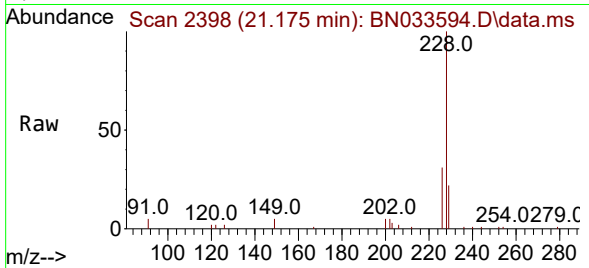


#33  
 Chrysene  
 Concen: 0.741 ng  
 RT: 21.175 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-SD-0.5-1-081624DL

Tgt Ion:228 Resp: 45225

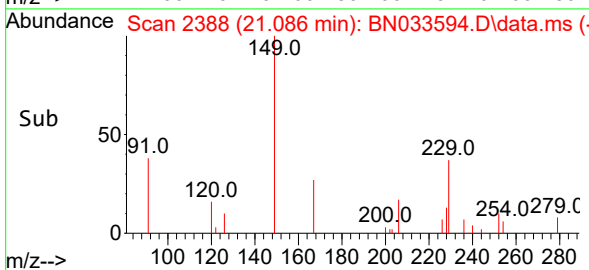
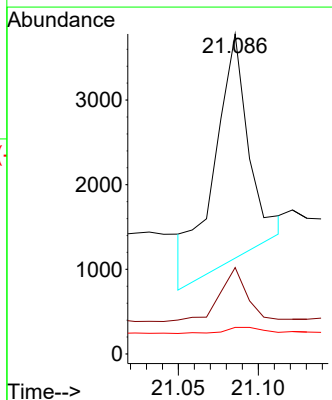
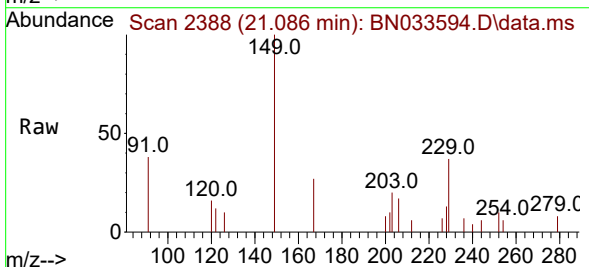
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	21.6	15.6	23.4

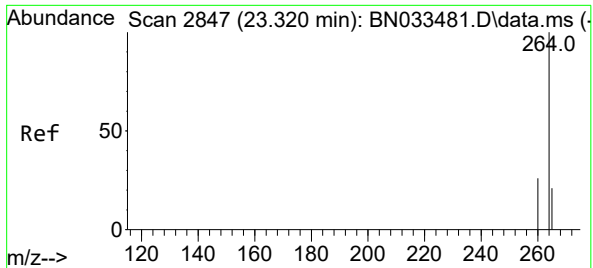


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.105 ng  
 RT: 21.086 min Scan# 2388  
 Delta R.T. -0.000 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:149 Resp: 4075

Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.5	32.3
279	0.0	2.2	3.2



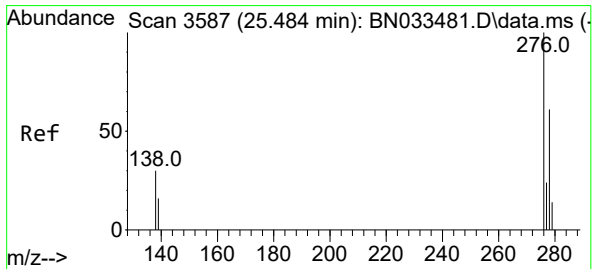
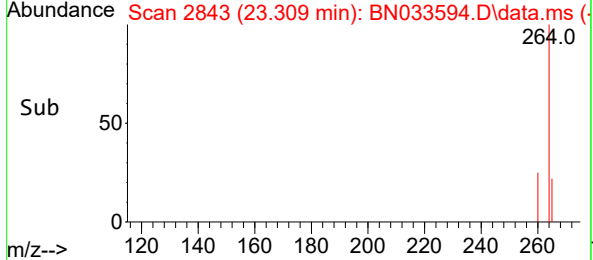
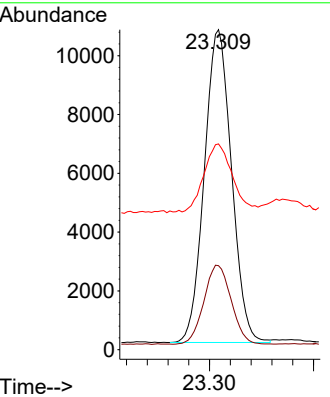
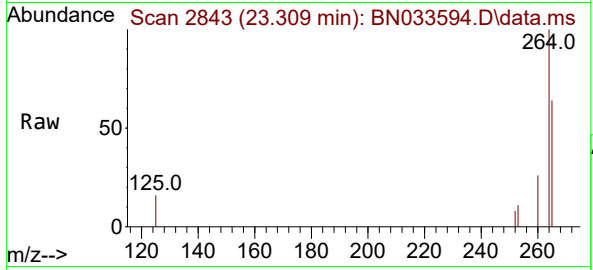


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.309 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 919-J-SD-0.5-1-081624DL

Tgt Ion:264 Resp: 19301

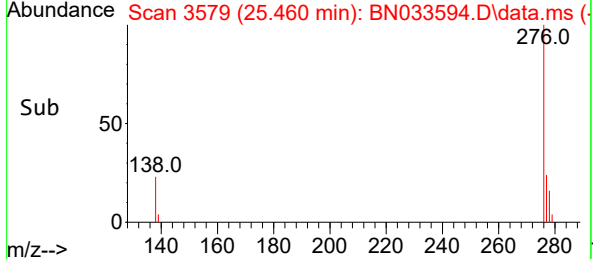
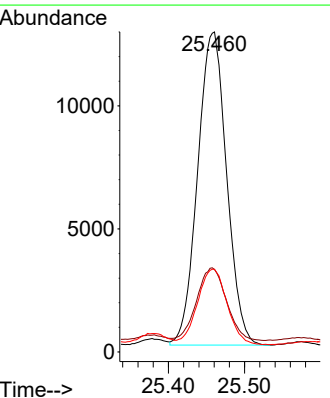
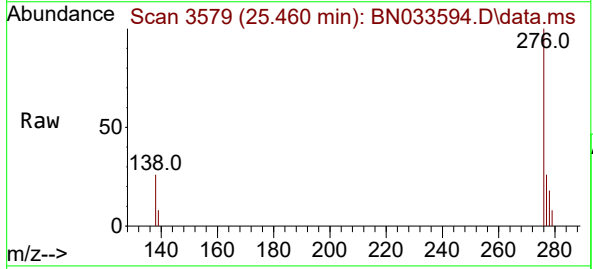
Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	64.3	52.2	78.2

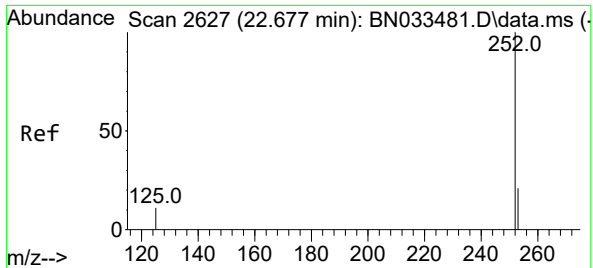


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.420 ng  
 RT: 25.460 min Scan# 3579  
 Delta R.T. 0.012 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:276 Resp: 33635

Ion	Ratio	Lower	Upper
276	100		
138	23.8	24.4	36.6#
277	24.5	19.8	29.6

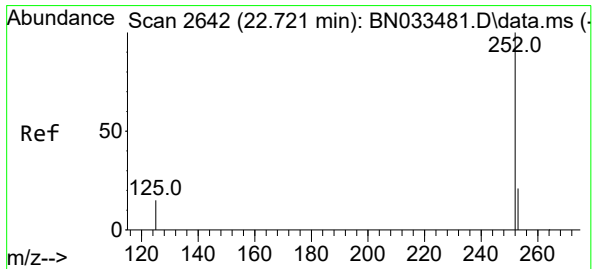
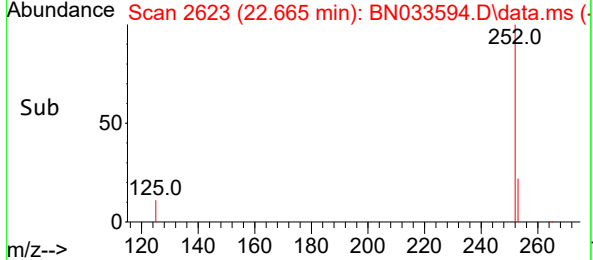
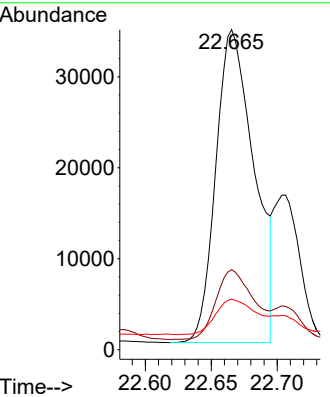
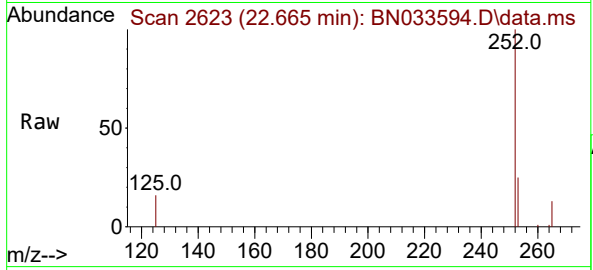




#37  
 Benzo(b)fluoranthene  
 Concen: 0.962 ng  
 RT: 22.665 min Scan# 2623  
 Delta R.T. 0.006 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

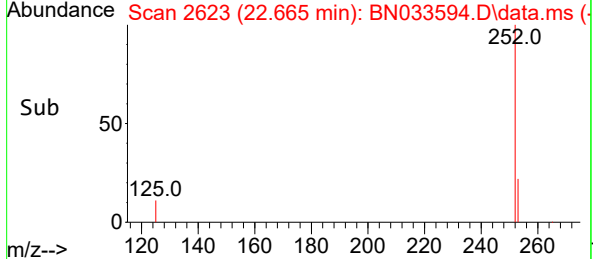
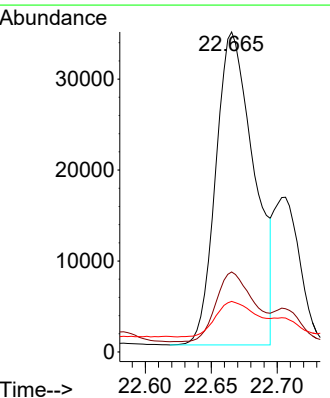
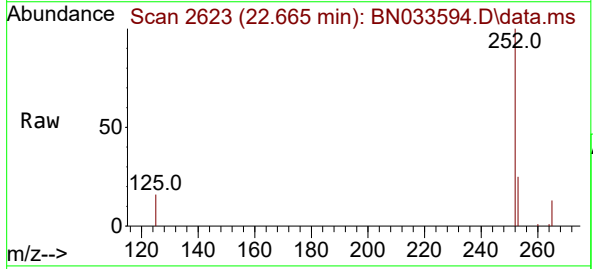
Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL

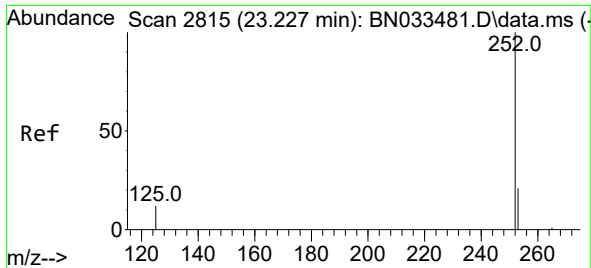
Tgt Ion	Resp	Lower	Upper
252	100		
253	25.0	19.8	29.8
125	15.8	13.9	20.9



#38  
 Benzo(k)fluoranthene  
 Concen: 0.978 ng  
 RT: 22.665 min Scan# 2623  
 Delta R.T. -0.038 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion	Resp	Lower	Upper
252	100		
253	25.0	19.8	29.8
125	15.8	15.8	23.8

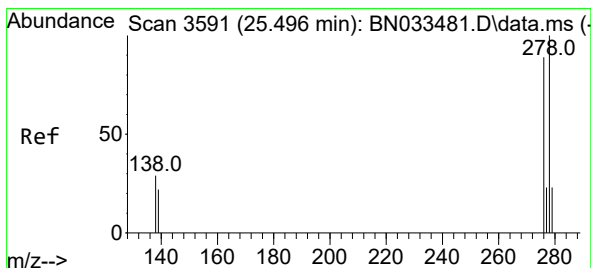
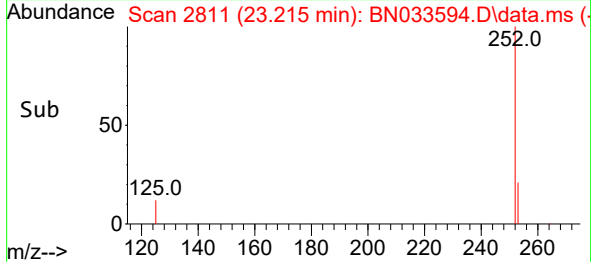
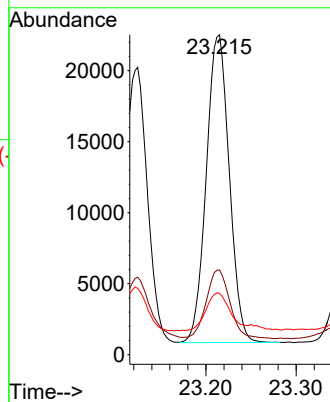
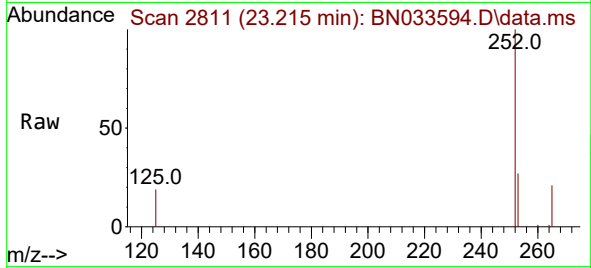




#39  
 Benzo(a)pyrene  
 Concen: 0.643 ng  
 RT: 23.215 min Scan# 2811  
 Delta R.T. 0.006 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

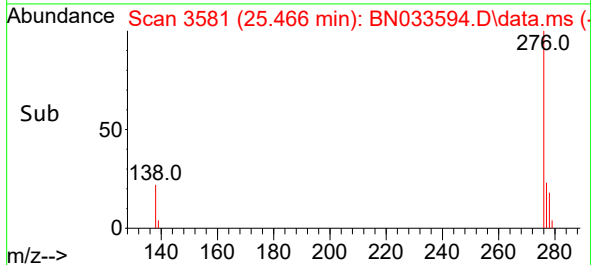
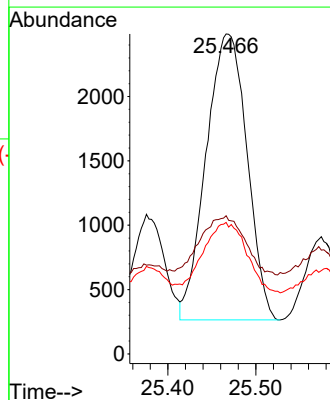
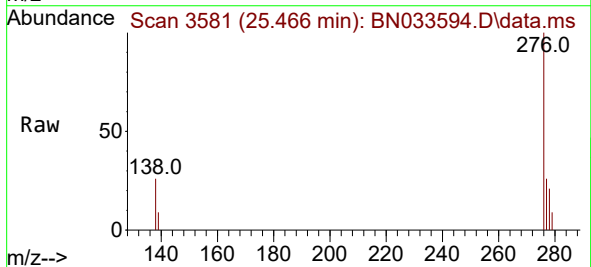
Instrument :  
 BNA\_N  
 ClientSampleId :  
 919-J-SD-0.5-1-081624DL

Tgt Ion:252 Resp: 38335  
 Ion Ratio Lower Upper  
 252 100  
 253 26.5 21.5 32.3  
 125 19.1 17.0 25.4

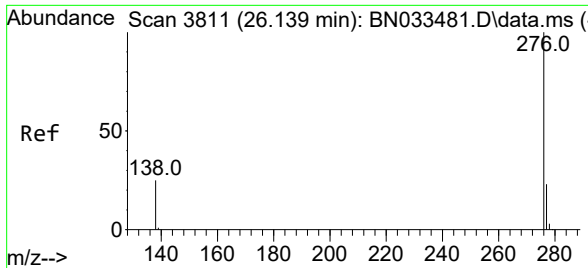


#40  
 Dibenzo(a,h)anthracene  
 Concen: 0.112 ng  
 RT: 25.466 min Scan# 3581  
 Delta R.T. -0.003 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Tgt Ion:278 Resp: 7176  
 Ion Ratio Lower Upper  
 278 100  
 139 43.2 19.1 28.7#  
 279 41.1 21.0 31.4#

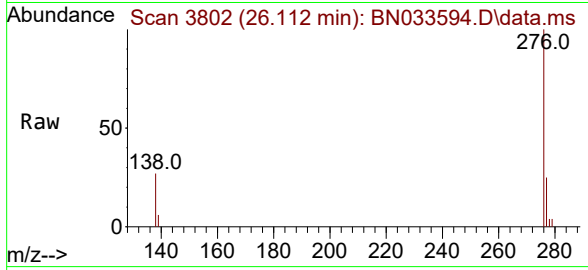






#41  
 Benzo(g,h,i)perylene  
 Concen: 0.488 ng  
 RT: 26.112 min Scan# 3811  
 Delta R.T. 0.009 min  
 Lab File: BN033594.D  
 Acq: 23 Aug 2024 17:47

Instrument : BNA\_N  
 ClientSampleId : 919-J-SD-0.5-1-081624DL



Tgt Ion: 276 Resp: 33462

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.7	29.5
138	27.1	21.8	32.6

