

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN030009.D  
 Acq On : 25 Feb 2024 01:08  
 Operator : MA/JU  
 Sample : P1532-04  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20240216

Quant Time: Feb 26 02:46:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

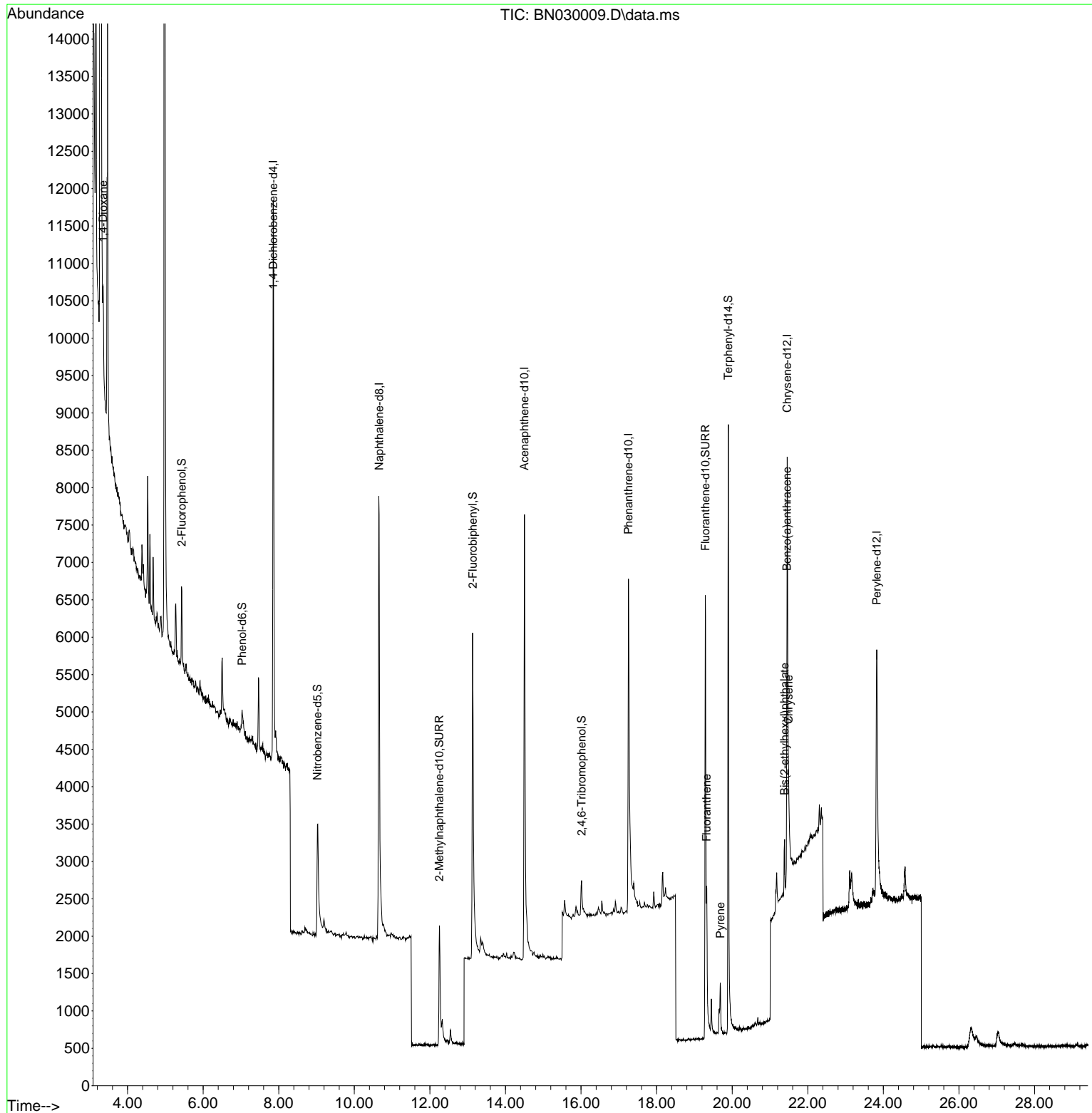
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4163	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10453	0.400	ng	0.01
13) Acenaphthene-d10	14.500	164	4804	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	9900	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	7545	0.400	ng	0.00
35) Perylene-d12	23.823	264	7194	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	885	0.088	ng	0.00
5) Phenol-d6	7.031	99	512	0.044	ng	0.00
8) Nitrobenzene-d5	9.025	82	2291	0.263	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	3397	0.239	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	413	0.268	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	5748	0.279	ng	0.01
27) Fluoranthene-d10	19.289	212	8719	0.364	ng	0.00
31) Terphenyl-d14	19.898	244	9747	0.520	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	708	0.121	ng	# 42
28) Fluoranthene	19.322	202	732	0.022	ng	# 4
30) Pyrene	19.684	202	714	0.021	ng	98
32) Benzo(a)anthracene	21.447	228	648	0.025	ng	# 81
33) Chrysene	21.492	228	792	0.027	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.384	149	865	0.049	ng	# 96

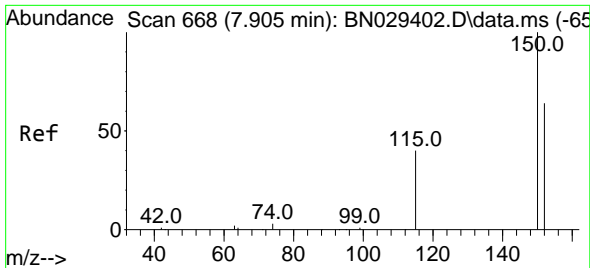
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
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 Sample : P1532-04  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 RE103D3-20240216

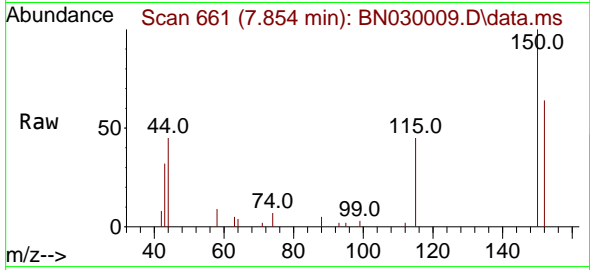
Quant Time: Feb 26 02:46:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration



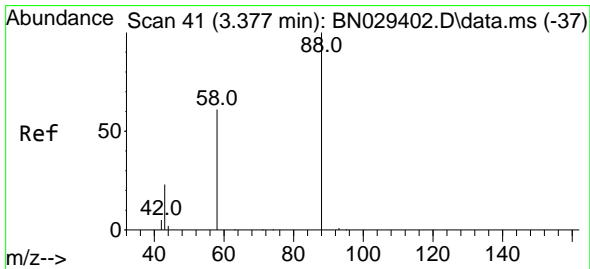
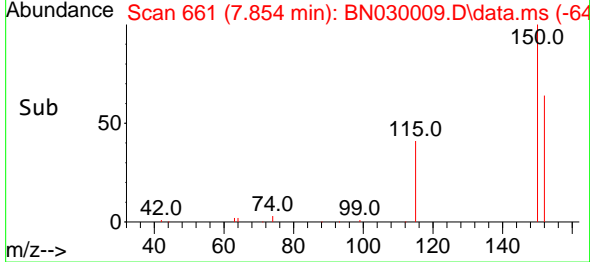
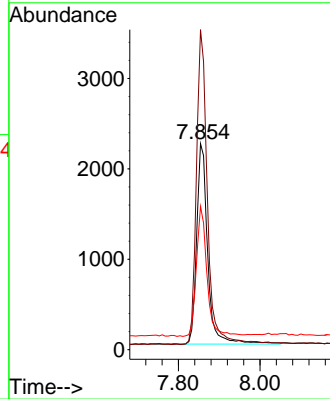


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 60  
 Delta R.T. 0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20240216

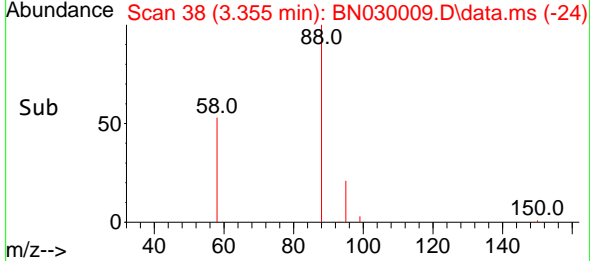
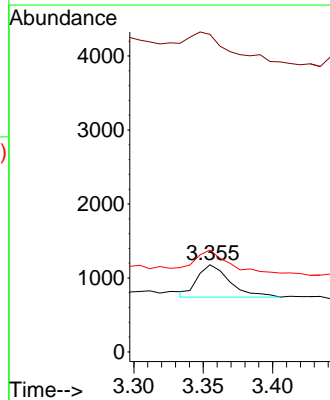
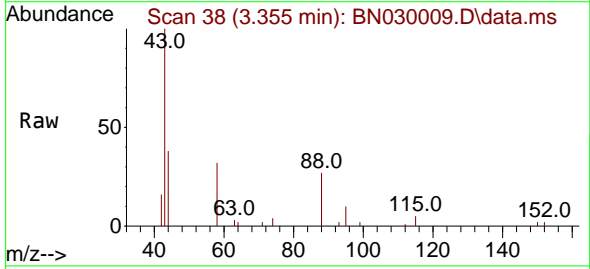


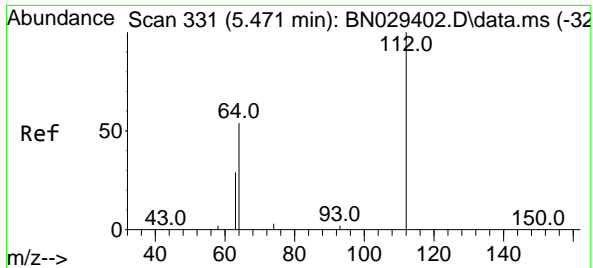
Tgt Ion:152 Resp: 4163  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 123.0 184.4  
 115 69.6 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 0.121 ng  
 RT: 3.355 min Scan# 38  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion: 88 Resp: 708  
 Ion Ratio Lower Upper  
 88 100  
 43 119.6 23.3 34.9#  
 58 74.6 53.8 80.6



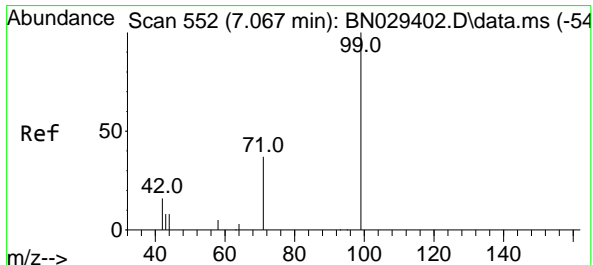
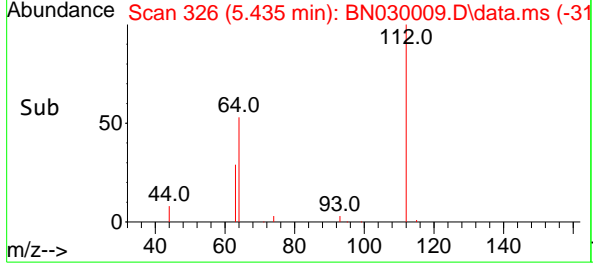
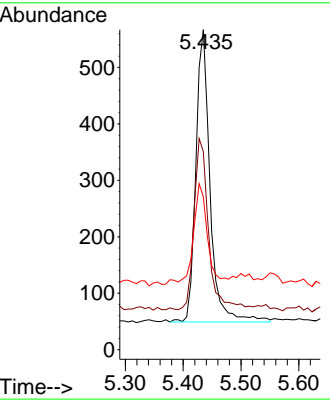
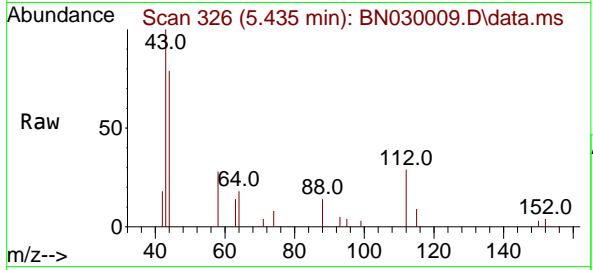


#4  
 2-Fluorophenol  
 Concen: 0.088 ng  
 RT: 5.435 min Scan# 31  
 Delta R.T. 0.007 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Instrument : BNA\_N  
 ClientSampleId : RE103D3-20240216

Tgt Ion: 112 Resp: 885

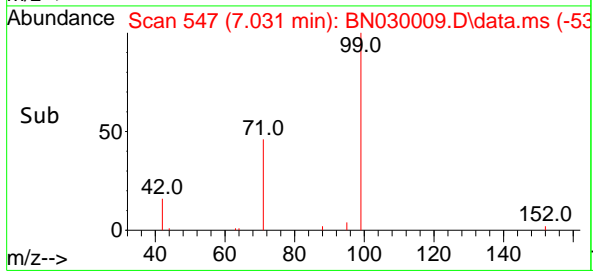
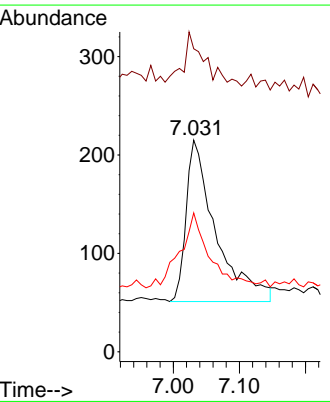
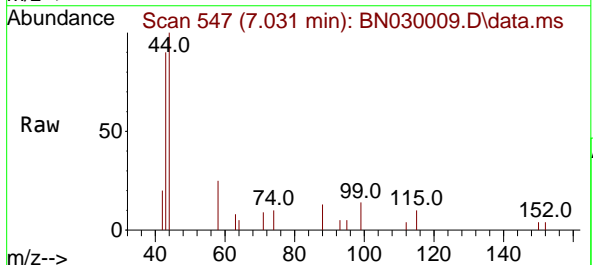
Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.2	70.8
63	34.6	25.8	38.6

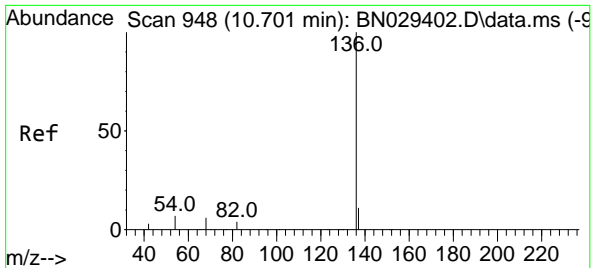


#5  
 Phenol-d6  
 Concen: 0.044 ng  
 RT: 7.031 min Scan# 547  
 Delta R.T. 0.007 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion: 99 Resp: 512

Ion	Ratio	Lower	Upper
99	100		
42	26.0	16.9	25.3#
71	46.5	30.0	45.0#



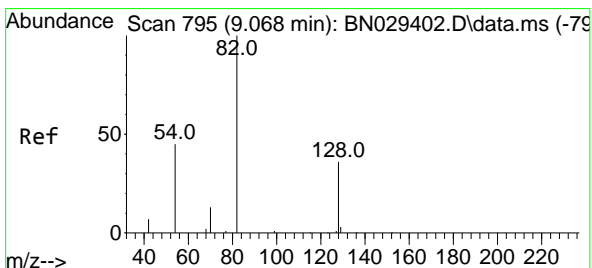
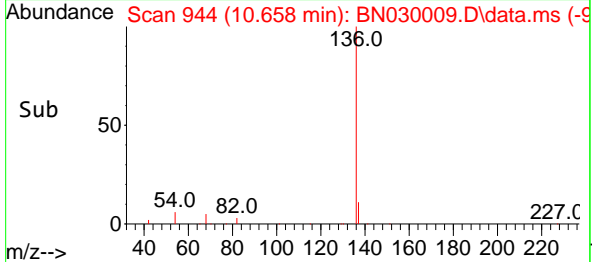
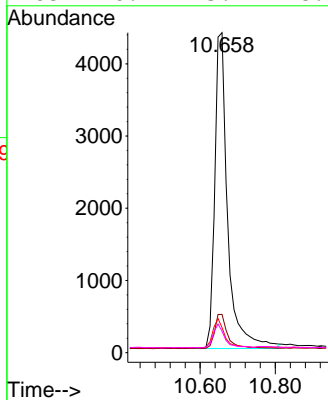
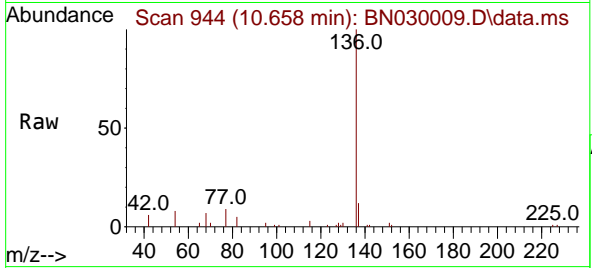


#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.658 min Scan# 94  
 Delta R.T. 0.011 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20240216

Tgt Ion:136 Resp: 10453

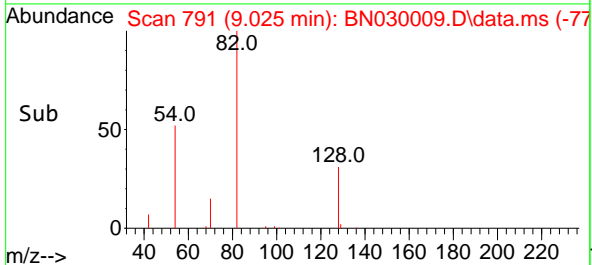
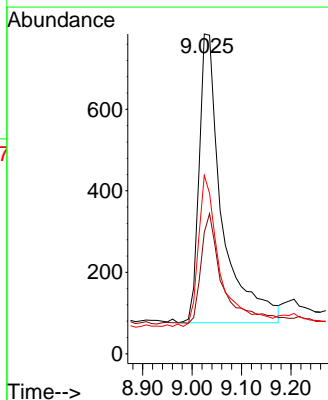
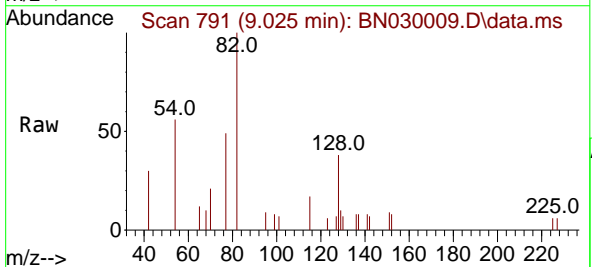
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	7.9	6.6	10.0
68	6.7	5.7	8.5

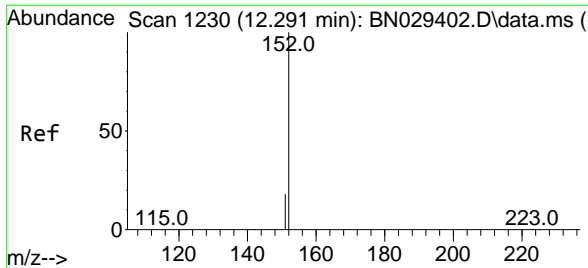


#8  
 Nitrobenzene-d5  
 Concen: 0.263 ng  
 RT: 9.025 min Scan# 791  
 Delta R.T. 0.011 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion: 82 Resp: 2291

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.6	47.4
54	55.8	38.2	57.4

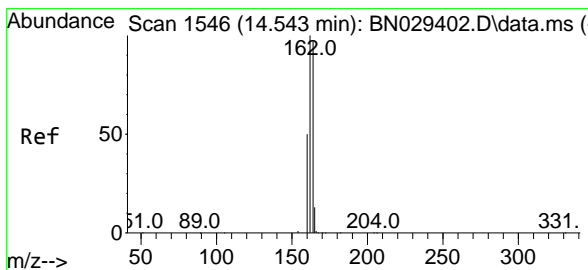
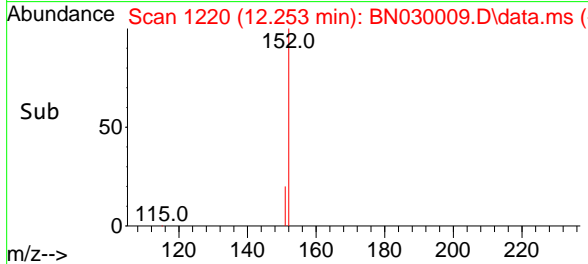
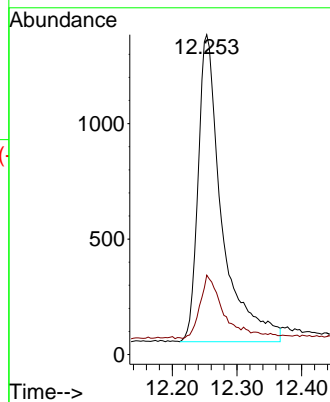
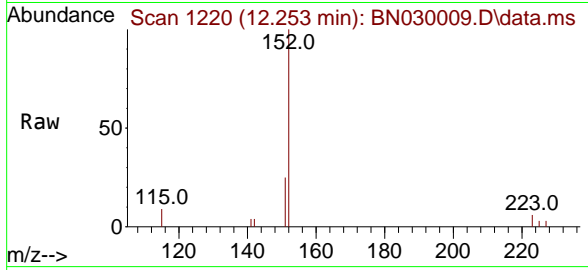




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.239 ng  
 RT: 12.253 min Scan# 11  
 Delta R.T. 0.008 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

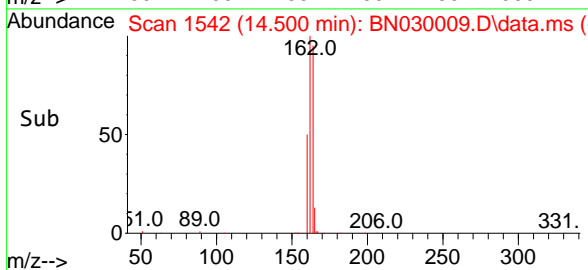
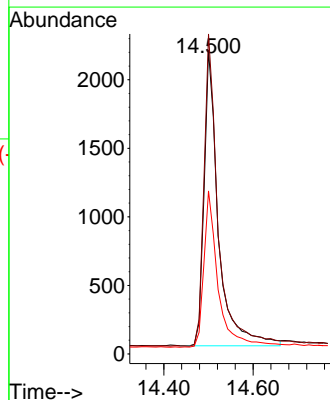
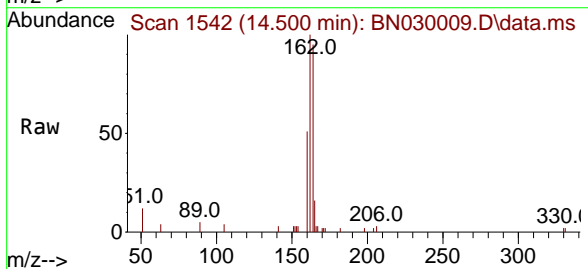
Instrument :  
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 ClientSampleId :  
 RE103D3-20240216

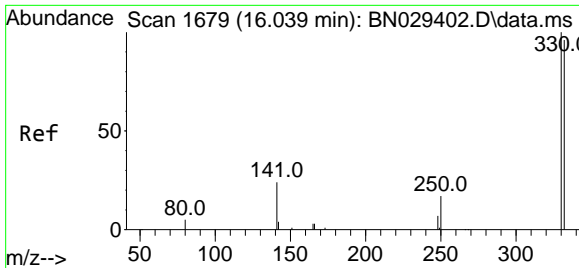
Tgt Ion:152 Resp: 3397  
 Ion Ratio Lower Upper  
 152 100  
 151 18.4 17.1 25.7



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.500 min Scan# 1542  
 Delta R.T. 0.011 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

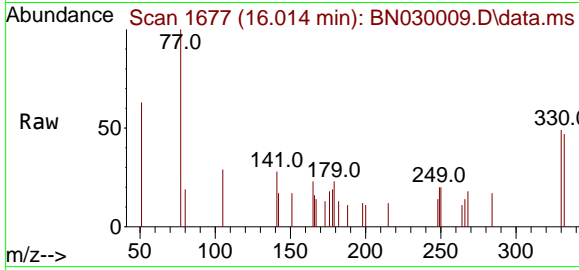
Tgt Ion:164 Resp: 4804  
 Ion Ratio Lower Upper  
 164 100  
 162 105.5 82.6 123.8  
 160 53.7 41.5 62.3



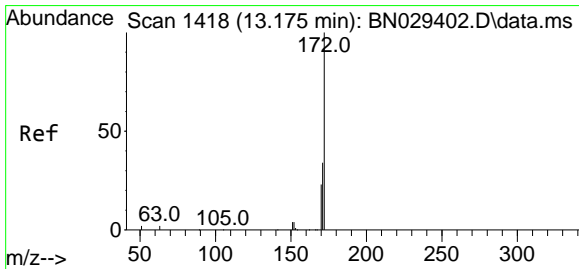
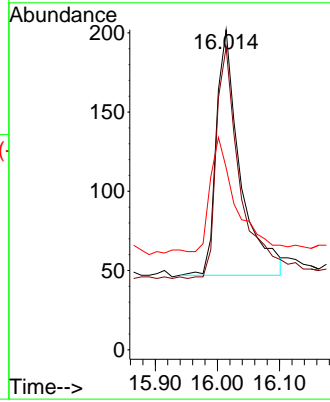
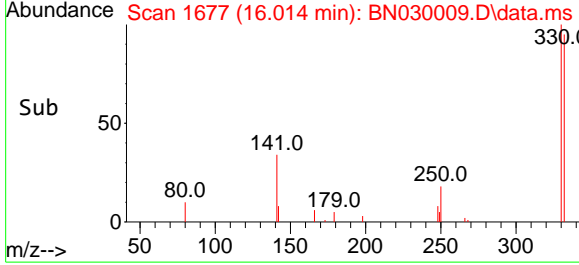


#14  
 2,4,6-Tribromophenol  
 Concen: 0.268 ng  
 RT: 16.014 min Scan# 1  
 Delta R.T. 0.012 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

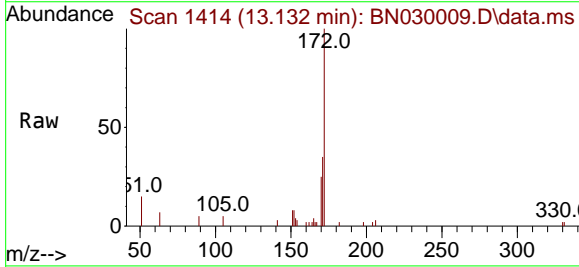
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 ClientSampleId :  
 RE103D3-20240216



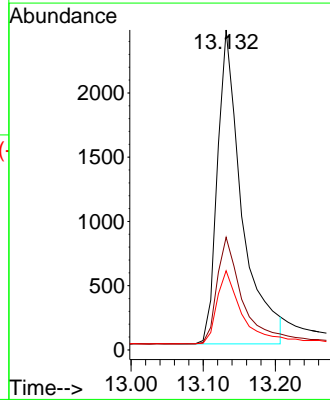
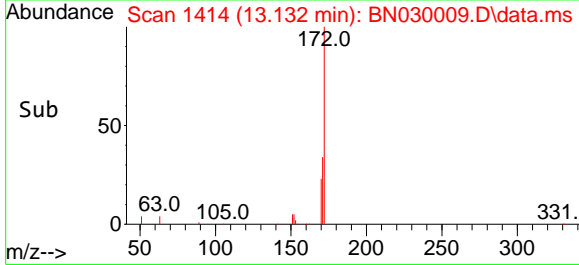
Tgt Ion: 330 Resp: 413  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.0 114.0  
 141 49.9 43.4 65.2

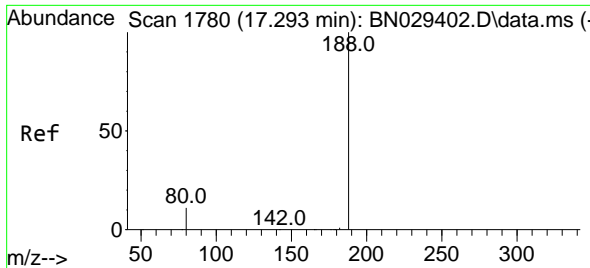


#15  
 2-Fluorobiphenyl  
 Concen: 0.279 ng  
 RT: 13.132 min Scan# 1414  
 Delta R.T. 0.011 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08



Tgt Ion: 172 Resp: 5748  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.0 42.0  
 170 24.7 18.7 28.1

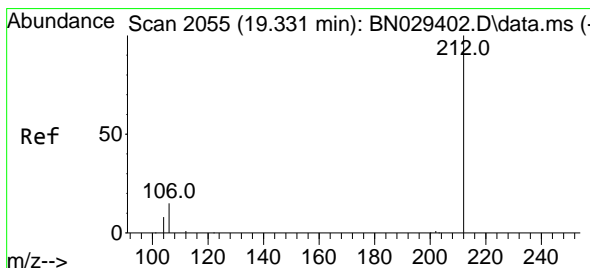
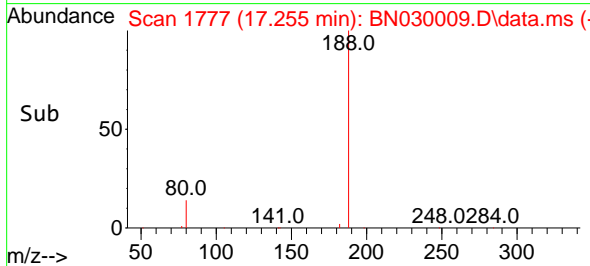
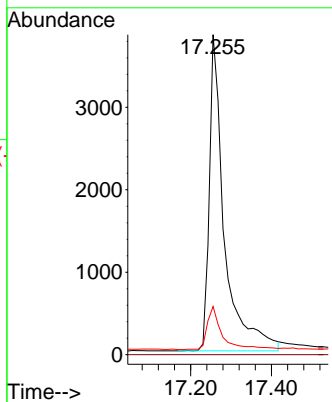
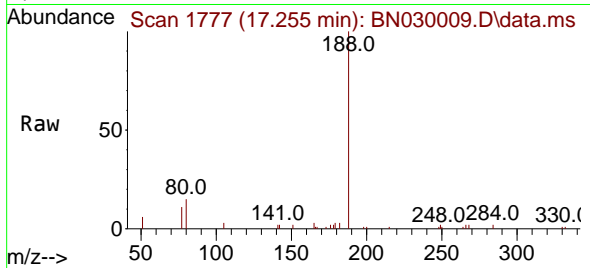




#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.255 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

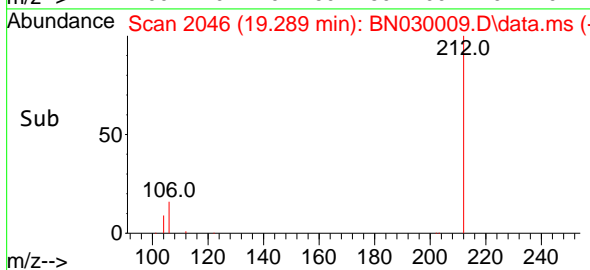
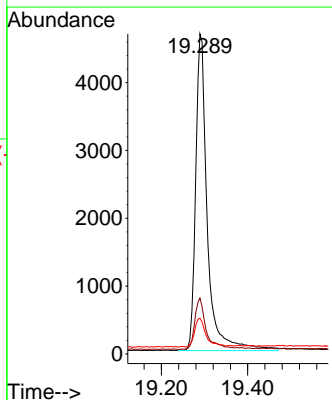
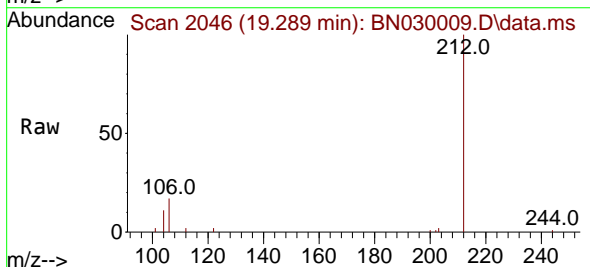
Instrument :  
 BNA\_N  
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 RE103D3-20240216

Tgt Ion	Resp	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	10.0	15.0

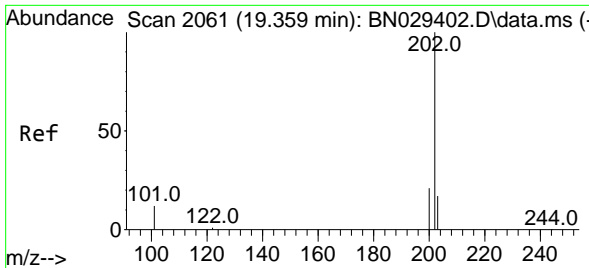


#27  
 Fluoranthene-d10  
 Concen: 0.364 ng  
 RT: 19.289 min Scan# 2046  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion	Resp	Lower	Upper
212	100		
106	15.8	13.2	19.8
104	9.0	7.7	11.5



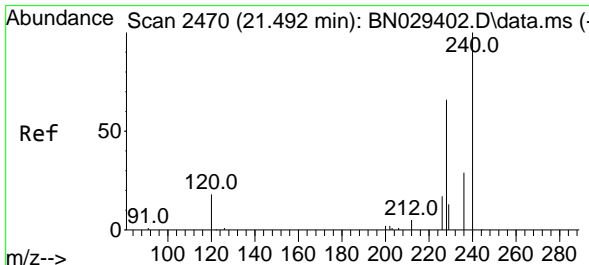
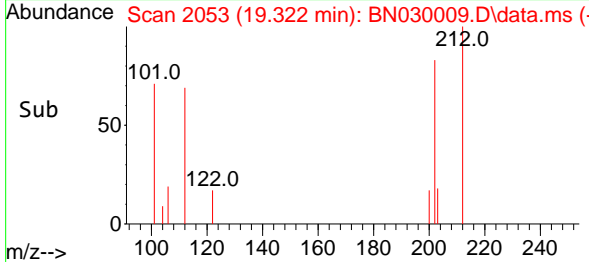
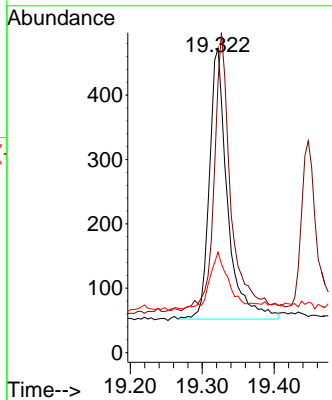
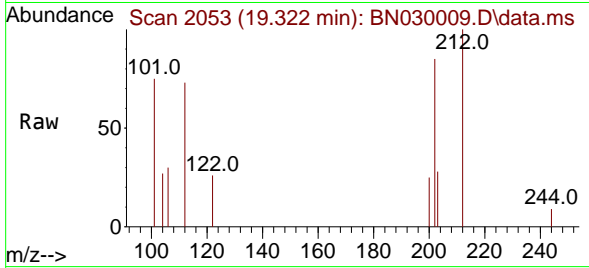




#28  
 Fluoranthene  
 Concen: 0.022 ng  
 RT: 19.322 min Scan# 2061  
 Delta R.T. 0.005 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

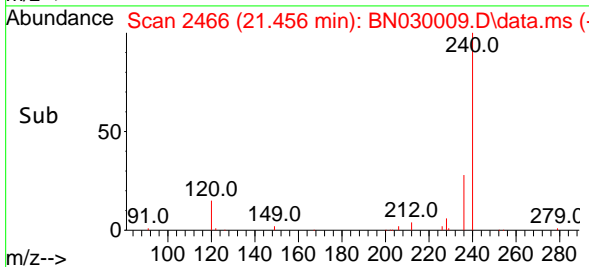
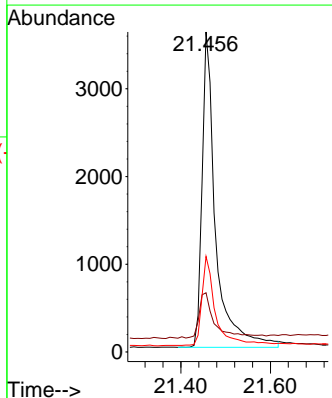
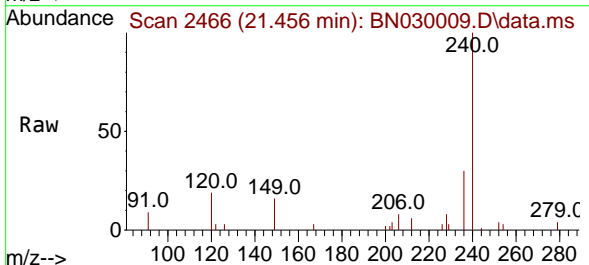
Instrument : BNA\_N  
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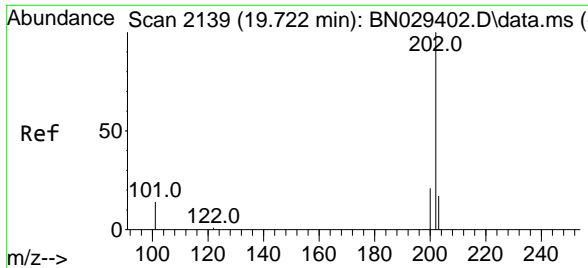
Tgt Ion	Resp	Lower	Upper
202	732		
101	95.1	10.5	15.7#
203	21.4	13.5	20.3#



#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.456 min Scan# 2466  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

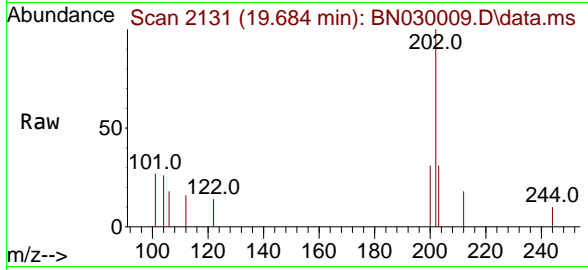
Tgt Ion	Resp	Lower	Upper
240	7545		
120	18.5	16.7	25.1
236	29.9	23.9	35.9





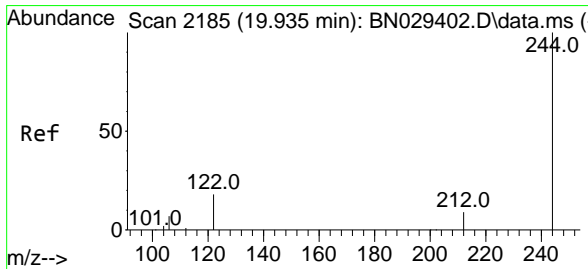
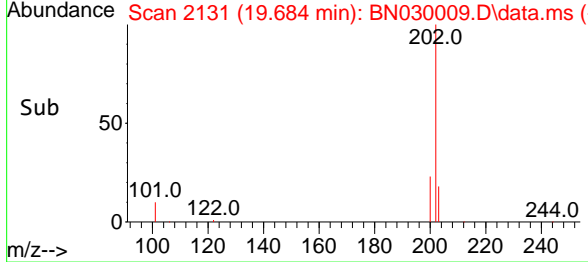
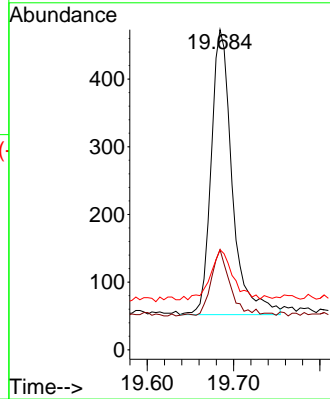
#30  
 Pyrene  
 Concen: 0.021 ng  
 RT: 19.684 min Scan# 2117  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Instrument : BNA\_N  
 ClientSampleId : RE103D3-20240216



Tgt Ion: 202 Resp: 714

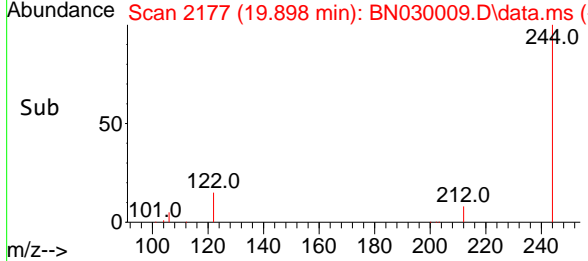
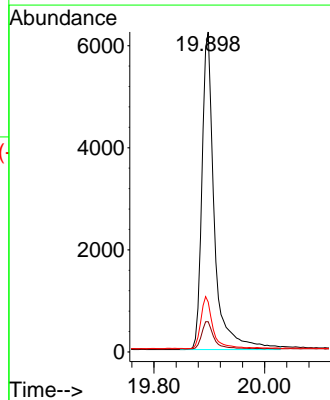
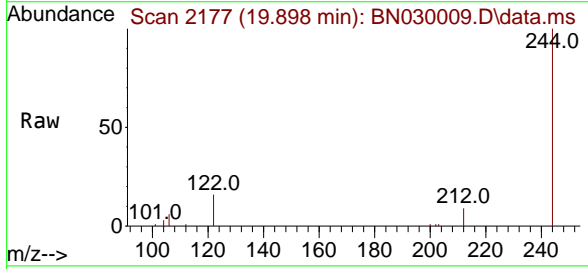
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	19.0	14.2	21.4

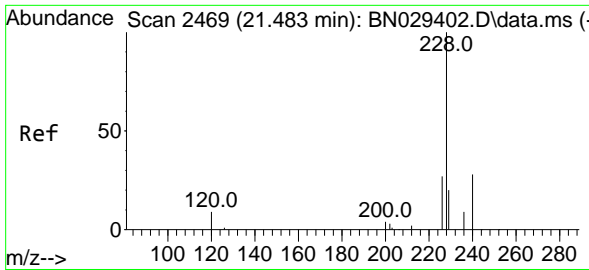


#31  
 Terphenyl-d14  
 Concen: 0.520 ng  
 RT: 19.898 min Scan# 2177  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion: 244 Resp: 9747

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.2	12.4
122	15.6	15.6	23.4



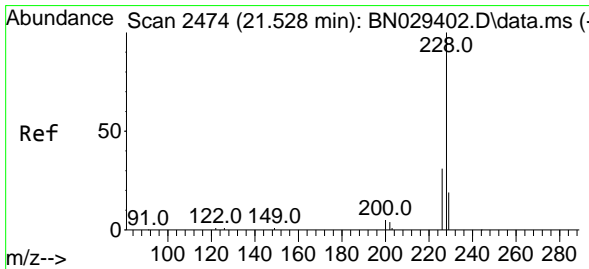
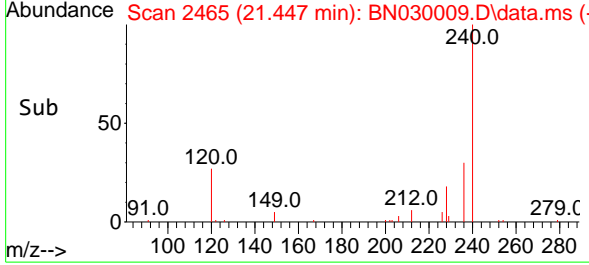
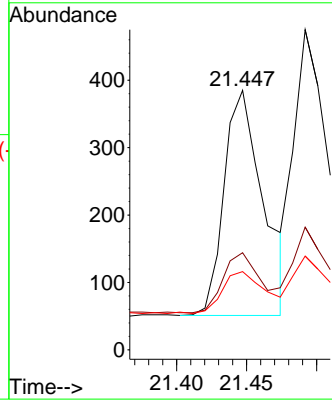
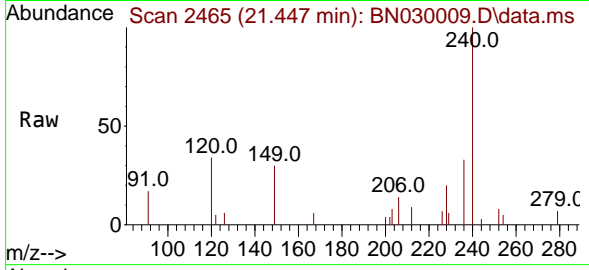


#32  
 Benzo(a)anthracene  
 Concen: 0.025 ng  
 RT: 21.447 min Scan# 2465  
 Delta R.T. 0.009 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20240216

Tgt Ion:228 Resp: 648

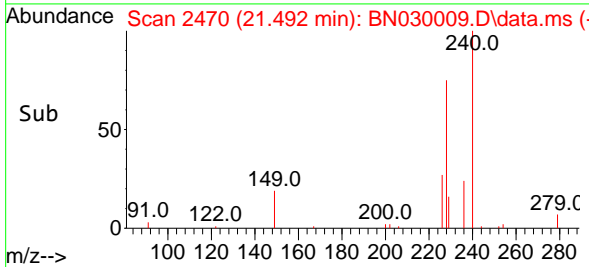
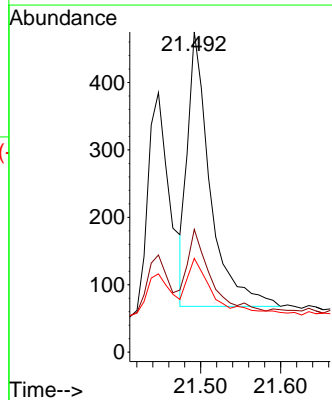
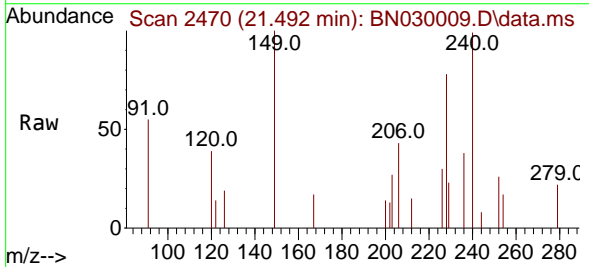
Ion	Ratio	Lower	Upper
228	100		
226	37.4	22.2	33.4#
229	30.1	16.5	24.7#

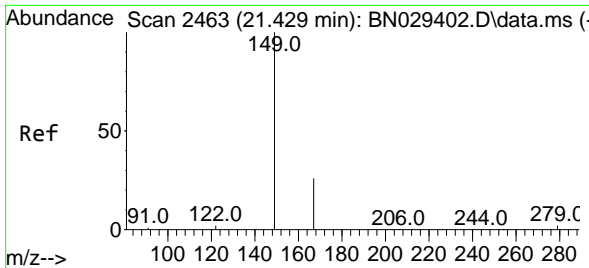


#33  
 Chrysene  
 Concen: 0.027 ng  
 RT: 21.492 min Scan# 2470  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion:228 Resp: 792

Ion	Ratio	Lower	Upper
228	100		
226	38.3	24.9	37.3#
229	29.3	15.9	23.9#

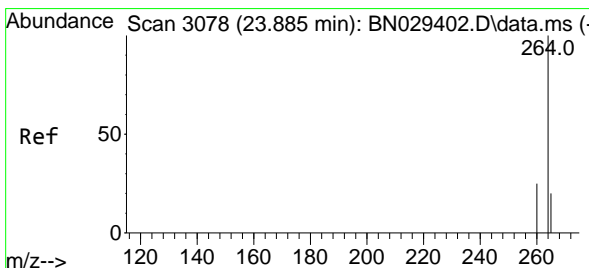
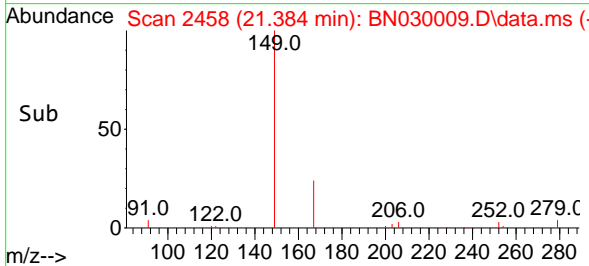
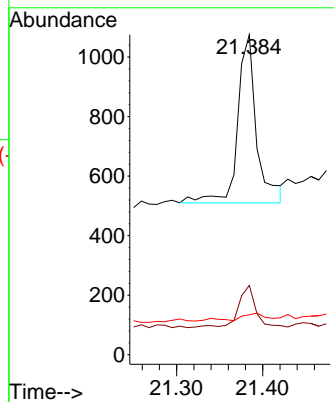
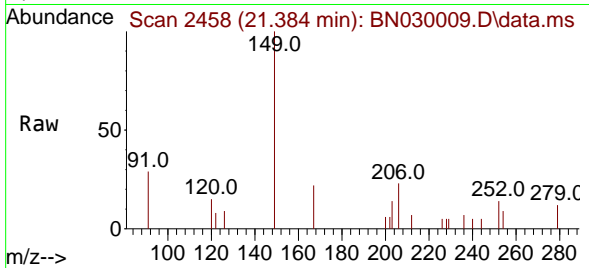




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.049 ng  
 RT: 21.384 min Scan# 2463  
 Delta R.T. -0.000 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Instrument : BNA\_N  
 ClientSampleId : RE103D3-20240216

Tgt Ion	Resp	Lower	Upper
149	100		
167	23.4	20.1	30.1
279	5.1	2.5	3.7#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.823 min Scan# 3057  
 Delta R.T. 0.003 min  
 Lab File: BN030009.D  
 Acq: 25 Feb 2024 01:08

Tgt Ion	Resp	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	77.5	41.5	62.3#

