

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033332.D
 Acq On : 10 Aug 2024 00:22
 Operator : MA/JU
 Sample : P3512-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

Quant Time: Aug 10 01:12:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

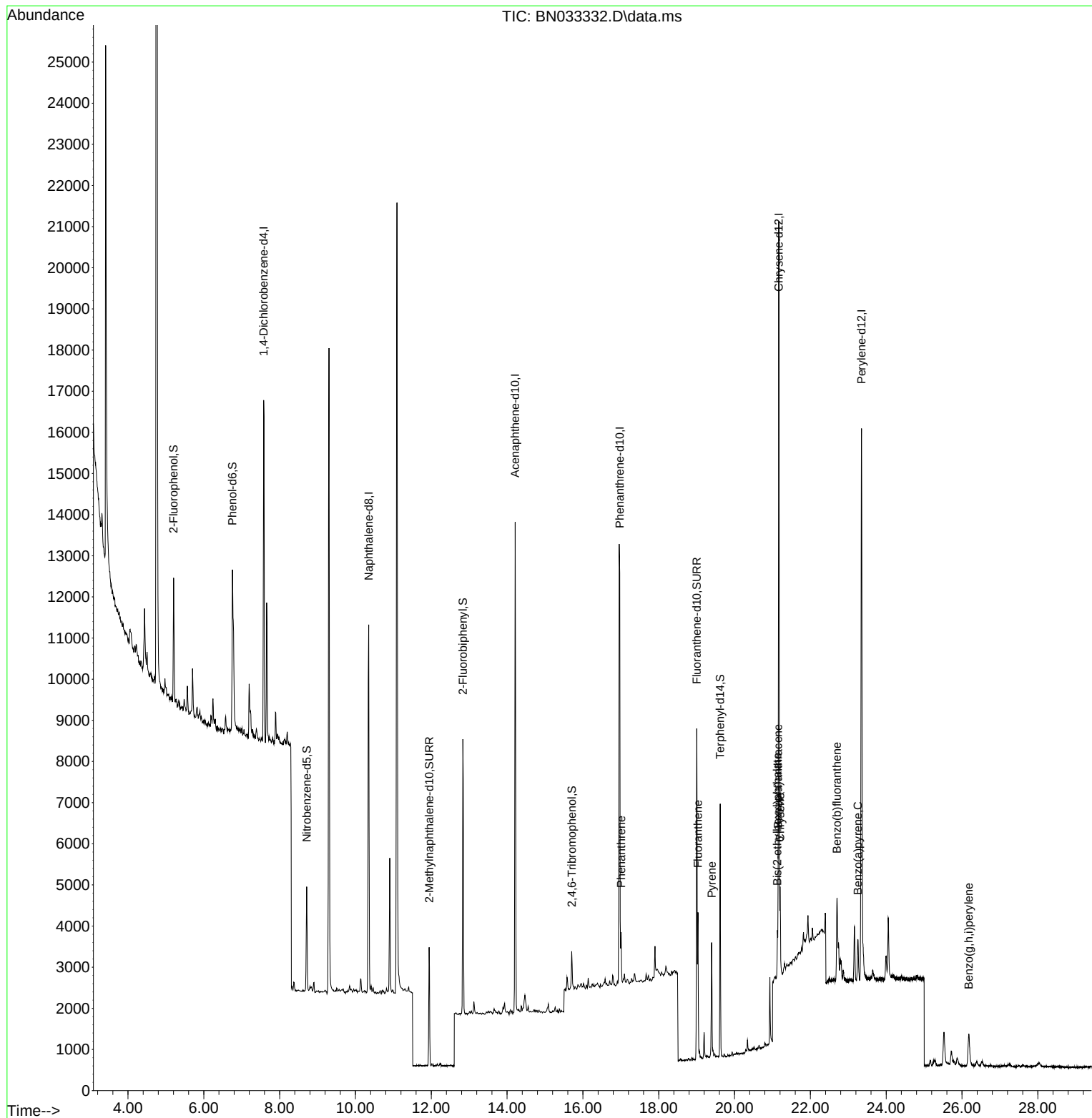
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4029	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	11626	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6502	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	15964	0.400	ng	# 0.00
29) Chrysene-d12	21.165	240	14746	0.400	ng	#-0.01
35) Perylene-d12	23.349	264	17088	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2382	0.225	ng	0.00
5) Phenol-d6	6.756	99	3299	0.228	ng	0.00
8) Nitrobenzene-d5	8.715	82	1885	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	3779	0.209	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	512	0.195	ng	-0.01
15) 2-Fluorobiphenyl	12.833	172	5763	0.235	ng	0.00
27) Fluoranthene-d10	19.002	212	8708	0.198	ng	0.00
31) Terphenyl-d14	19.620	244	5394	0.212	ng	-0.01
Target Compounds						
25) Phenanthrene	17.008	178	1248	0.027	ng	# 95
28) Fluoranthene	19.035	202	3085	0.053	ng	97
30) Pyrene	19.397	202	2579	0.044	ng	97
32) Benzo(a)anthracene	21.148	228	1292	0.023	ng	# 86
33) Chrysene	21.201	228	1817	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.130	149	1002	0.034	ng	99
37) Benzo(b)fluoranthene	22.703	252	3033	0.048	ng	# 63
39) Benzo(a)pyrene	23.252	252	1559	0.028	ng	# 36
41) Benzo(g,h,i)perylene	26.179	276	1712	0.027	ng	# 69

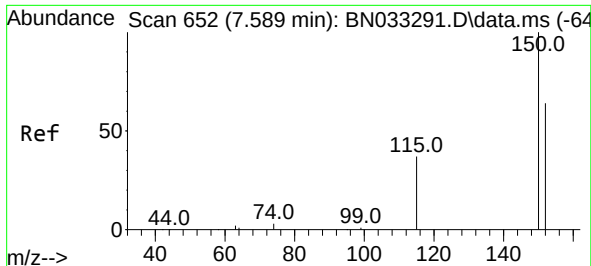
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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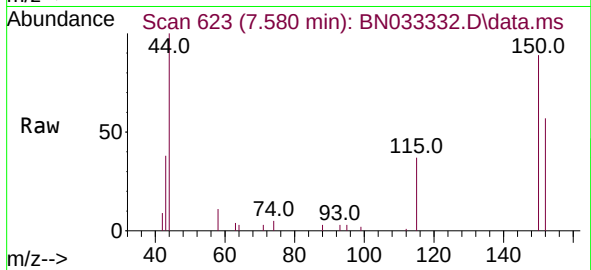
Quant Time: Aug 10 01:12:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
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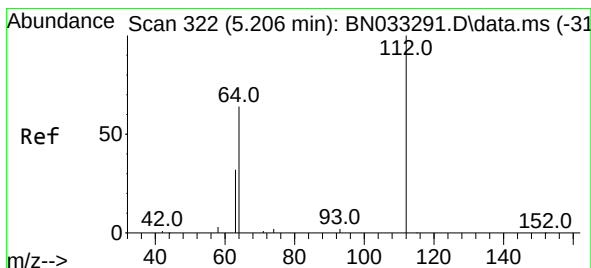
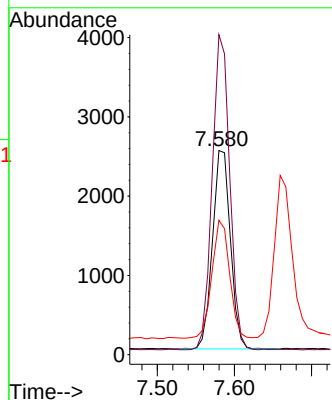
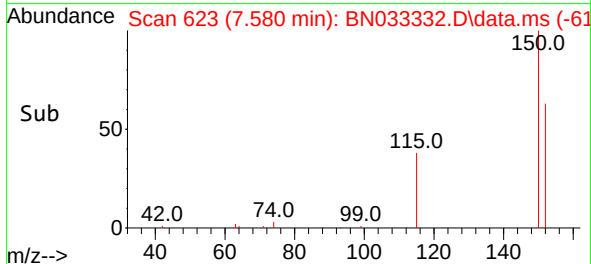


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.580 min Scan# 61
Delta R.T. -0.009 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

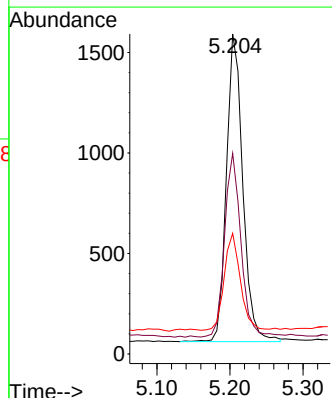
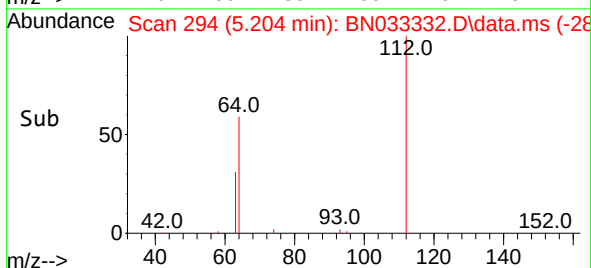
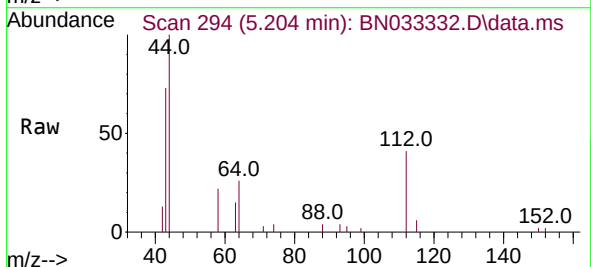


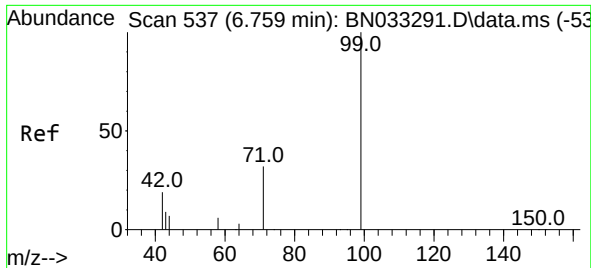
Tgt Ion:152 Resp: 4029
Ion Ratio Lower Upper
152 100
150 156.7 120.7 181.1
115 65.8 55.8 83.8



#4
2-Fluorophenol
Concen: 0.225 ng
RT: 5.204 min Scan# 294
Delta R.T. -0.002 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:112 Resp: 2382
Ion Ratio Lower Upper
112 100
64 59.8 48.7 73.1
63 31.2 25.4 38.2

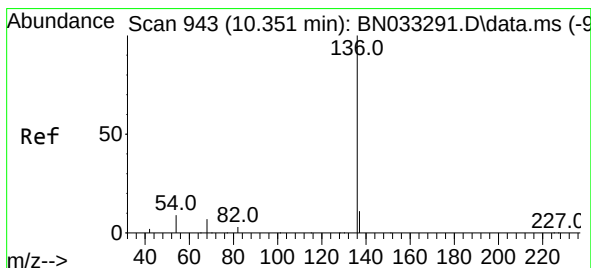
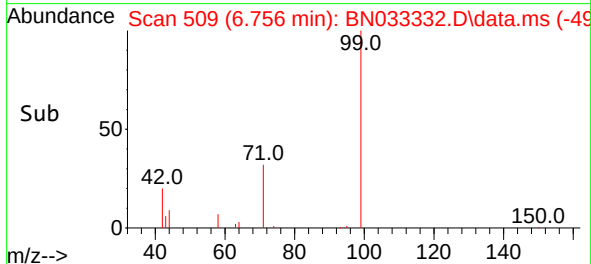
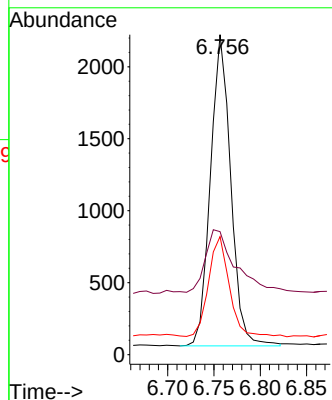
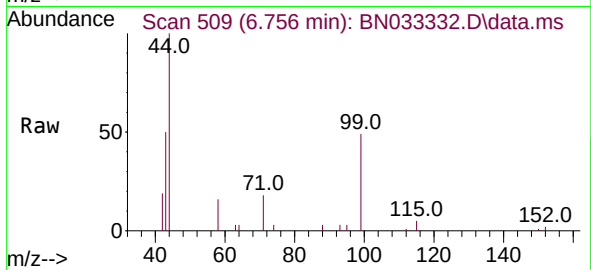




#5
Phenol-d6
Concen: 0.228 ng
RT: 6.756 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

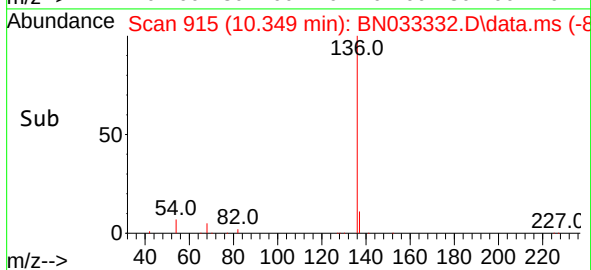
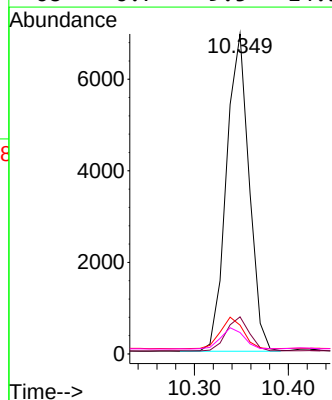
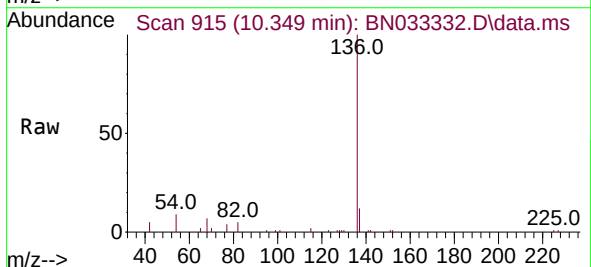
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

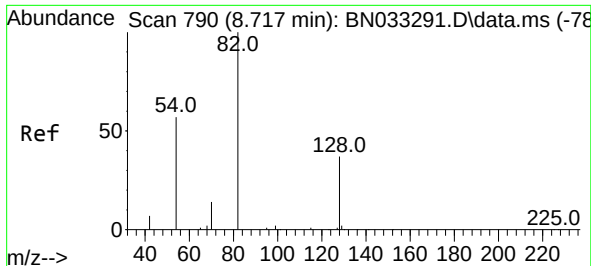
Tgt Ion: 99 Resp: 3299
Ion Ratio Lower Upper
99 100
42 29.3 19.3 28.9#
71 32.5 27.6 41.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion: 136 Resp: 11626
Ion Ratio Lower Upper
136 100
137 11.6 9.9 14.9
54 9.0 11.4 17.2#
68 6.7 9.5 14.3#

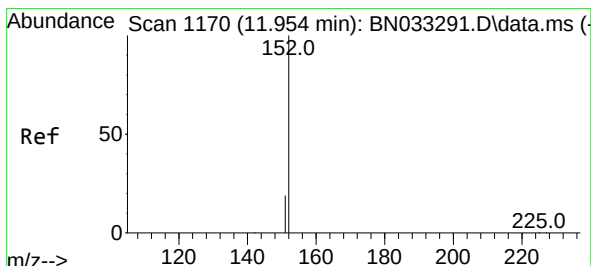
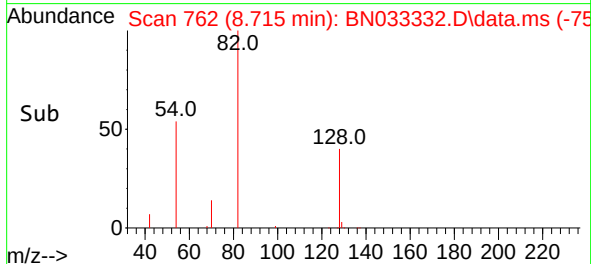
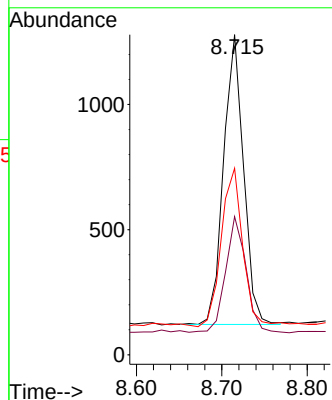
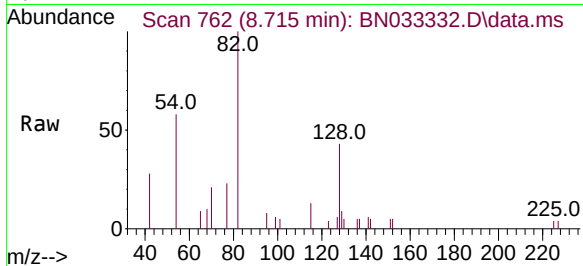




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.715 min Scan# 71
Delta R.T. -0.002 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

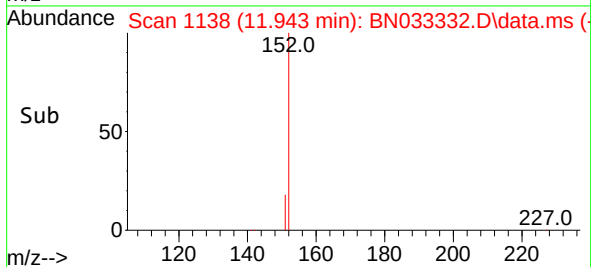
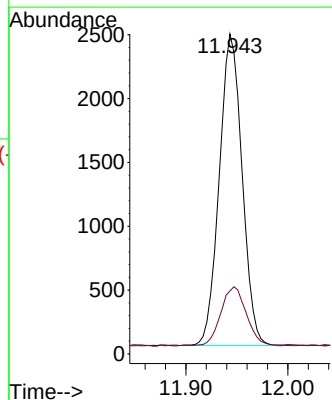
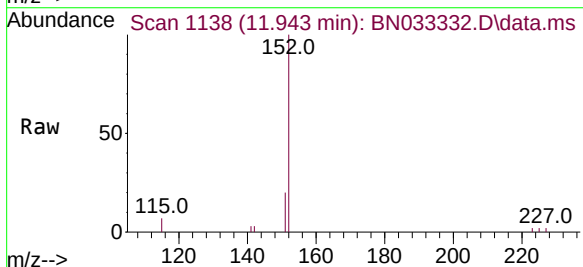
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

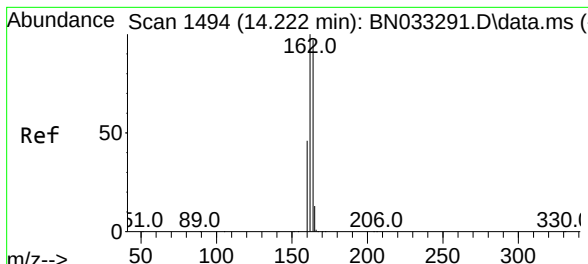
Tgt Ion: 82 Resp: 1885
Ion Ratio Lower Upper
82 100
128 43.2 29.4 44.2
54 58.2 50.0 75.0



#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 11.943 min Scan# 1138
Delta R.T. -0.011 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion: 152 Resp: 3779
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1

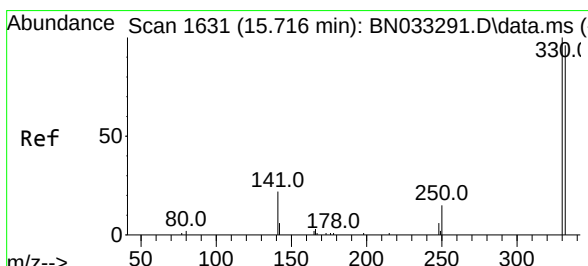
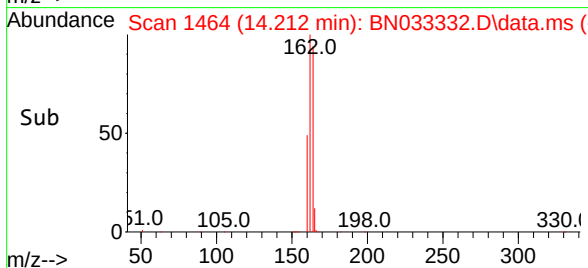
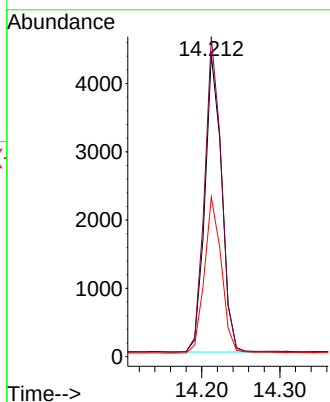
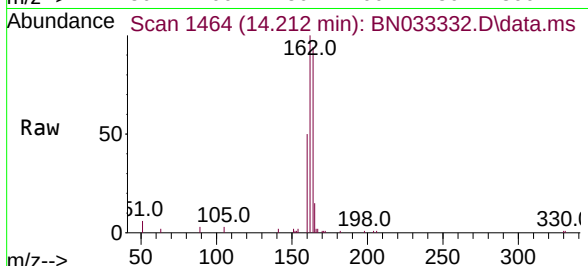




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

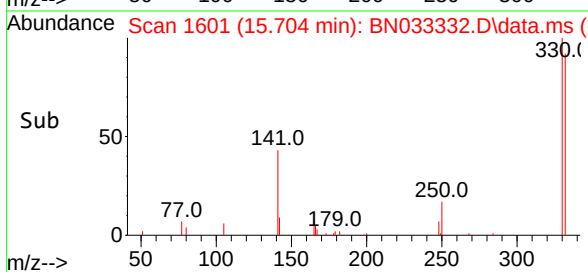
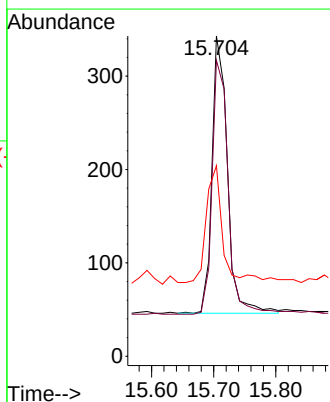
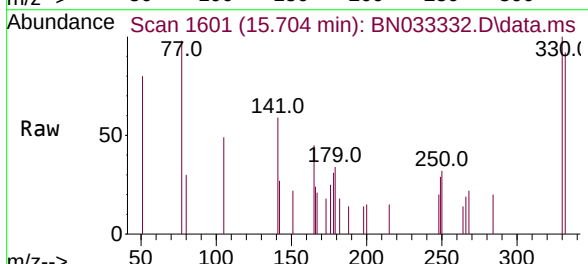
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

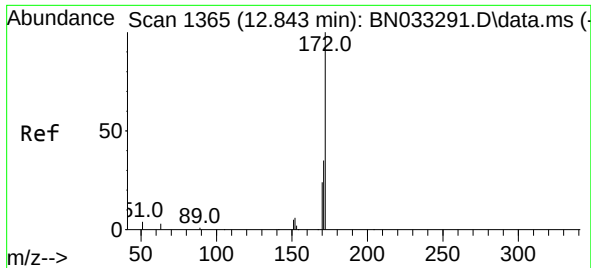
Tgt Ion:164	Resp:	6502
Ion Ratio	Lower	Upper
164	100	
162	106.1	82.6 124.0
160	52.9	38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.704 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:330	Resp:	512
Ion Ratio	Lower	Upper
330	100	
332	94.9	75.6 113.4
141	41.2	31.0 46.4

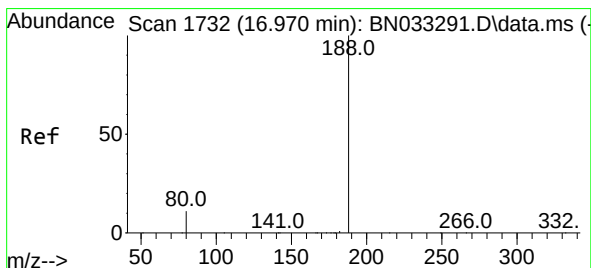
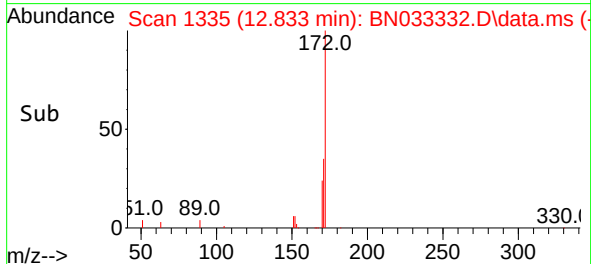
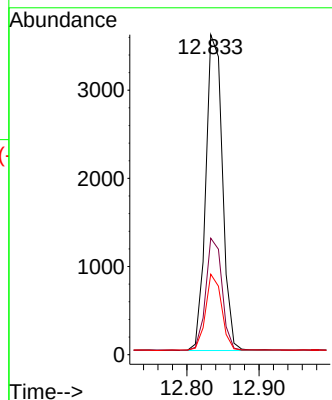
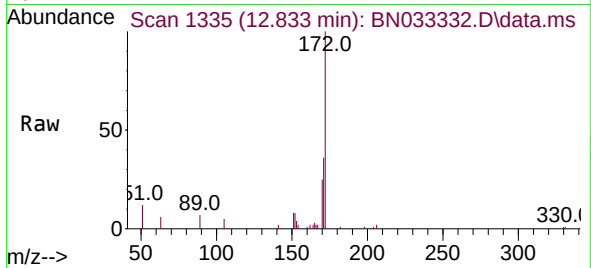




#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

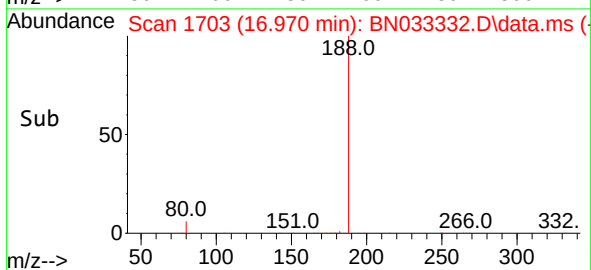
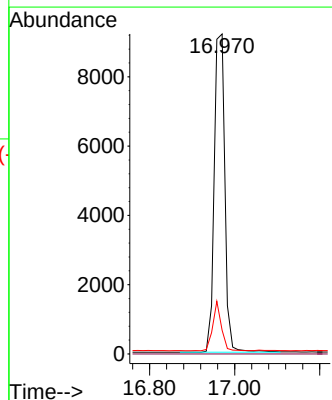
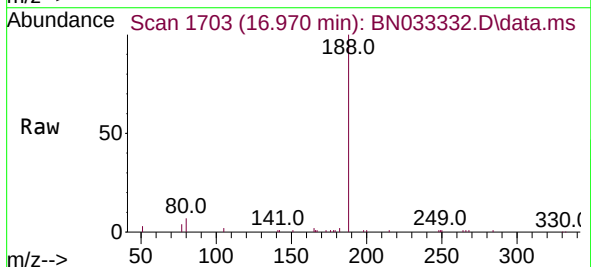
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ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

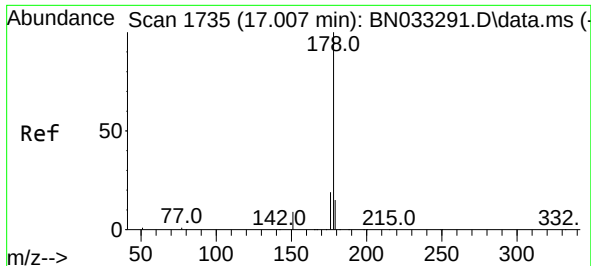
Tgt Ion:	172	Resp:	5763
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	25.2	19.4	29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:	188	Resp:	15964
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	10.5	15.7#

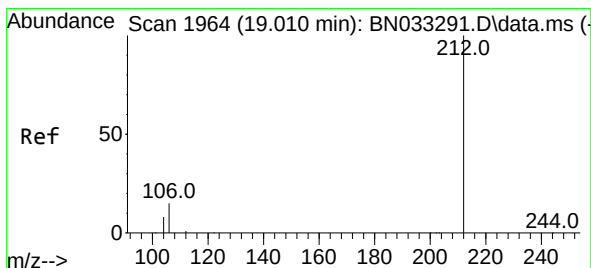
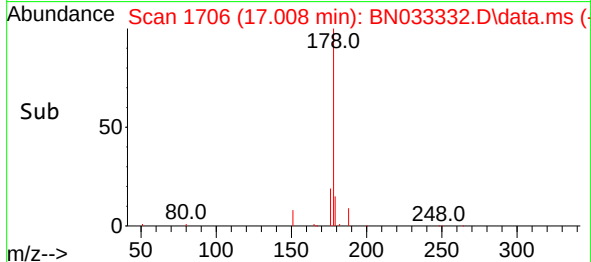
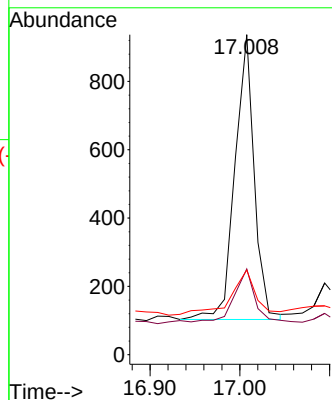
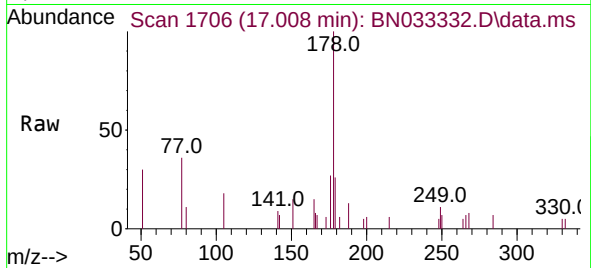




#25
Phenanthrene
Concen: 0.027 ng
RT: 17.008 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

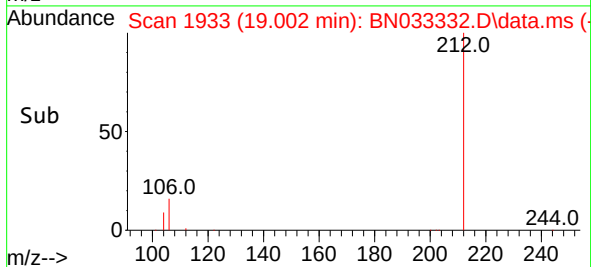
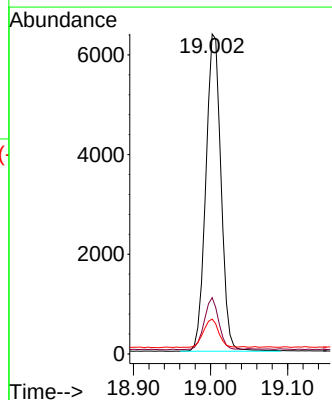
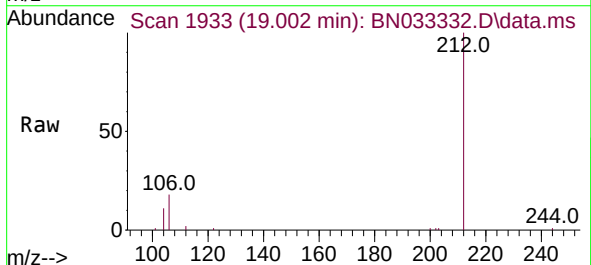
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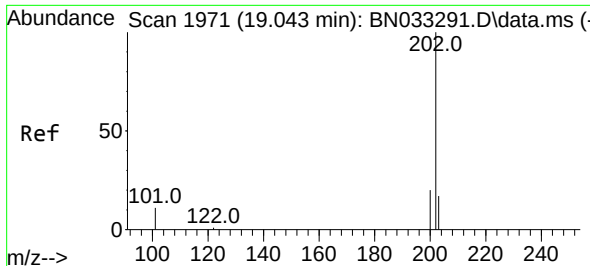
Tgt Ion:178 Resp: 1248
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 19.4 12.0 18.0#



#27
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.002 min Scan# 1933
Delta R.T. -0.008 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:212 Resp: 8708
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.4
104 8.9 6.9 10.3

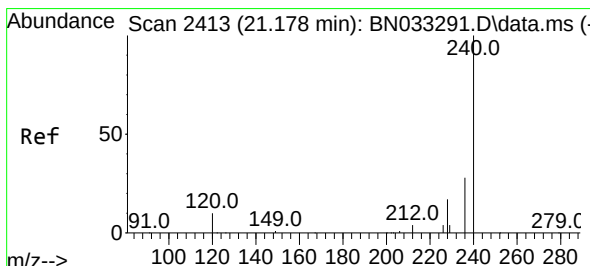
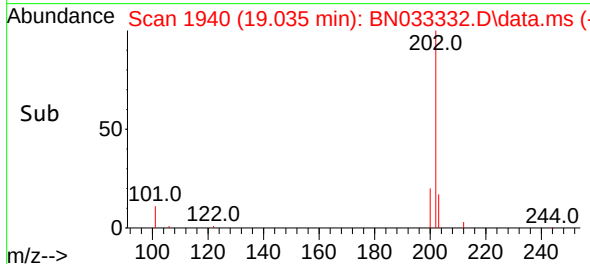
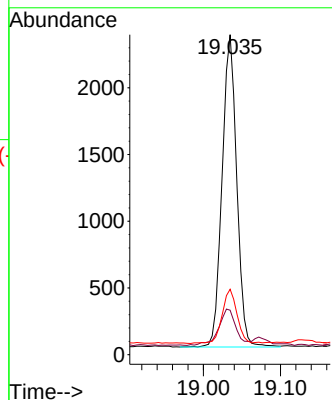
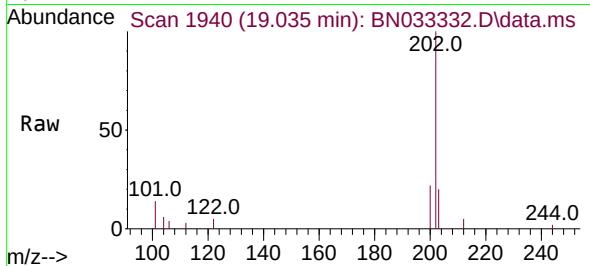




#28
Fluoranthene
Concen: 0.053 ng
RT: 19.035 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

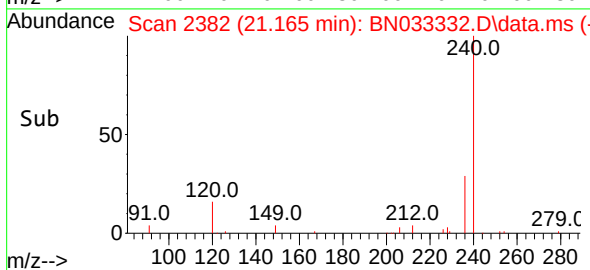
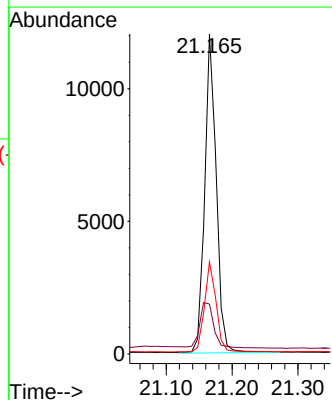
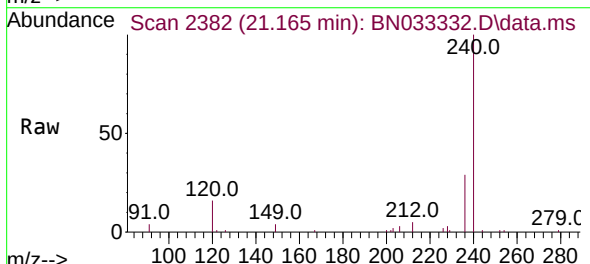
Instrument :
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ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

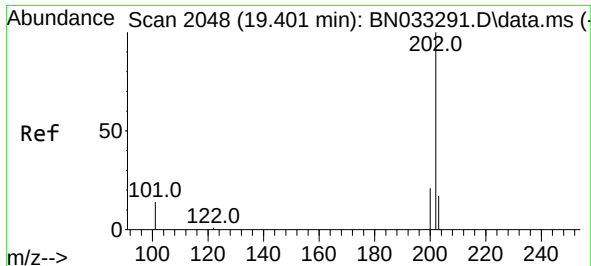
Tgt Ion:	202	Resp:	3085
Ion Ratio	Lower	Upper	
202	100		
101	13.8	9.4	14.0
203	17.6	13.8	20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.165 min Scan# 2382
Delta R.T. -0.013 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:	240	Resp:	14746
Ion Ratio	Lower	Upper	
240	100		
120	15.6	9.0	13.6#
236	28.8	22.4	33.6

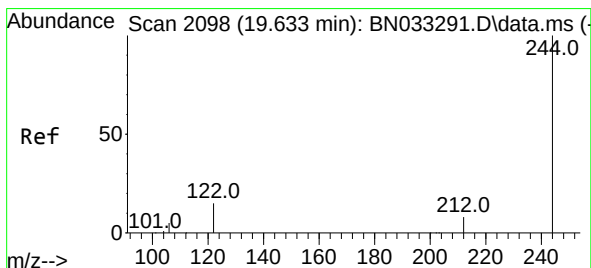
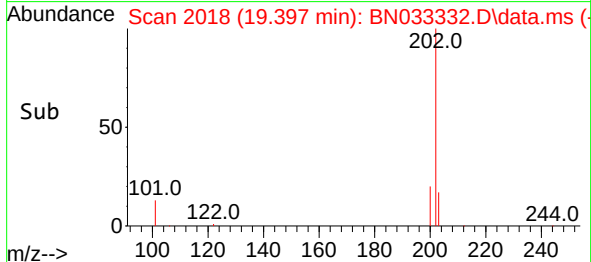
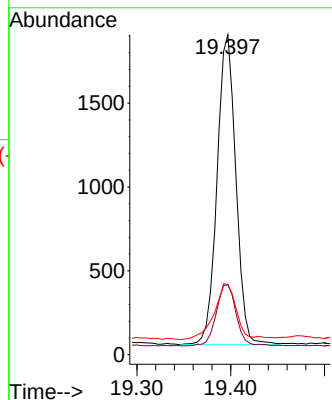
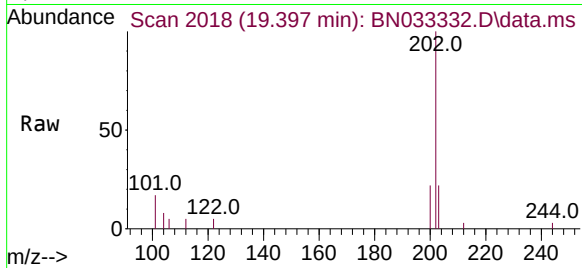




#30
Pyrene
Concen: 0.044 ng
RT: 19.397 min Scan# 2048
Delta R.T. -0.004 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

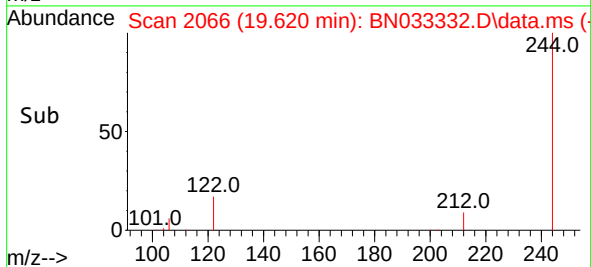
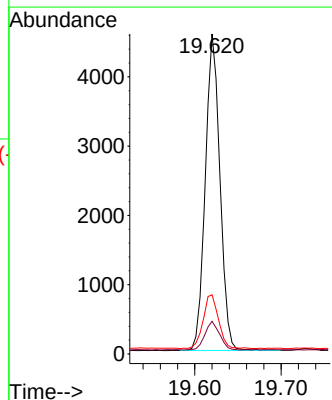
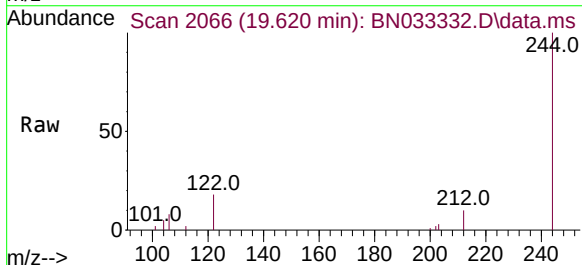
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

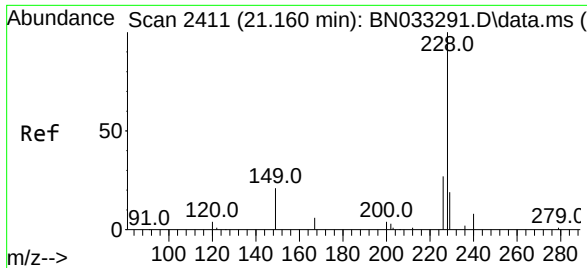
Tgt Ion:202 Resp: 2579
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 20.6 14.2 21.4



#31
Terphenyl-d14
Concen: 0.212 ng
RT: 19.620 min Scan# 2066
Delta R.T. -0.013 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:244 Resp: 5394
Ion Ratio Lower Upper
244 100
212 10.2 7.2 10.8
122 18.5 12.7 19.1

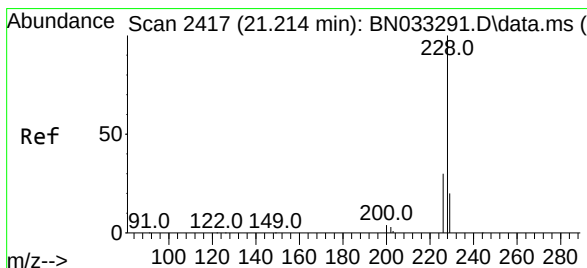
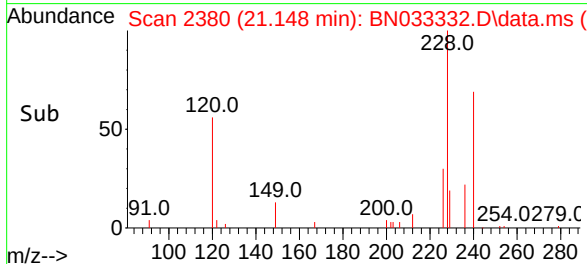
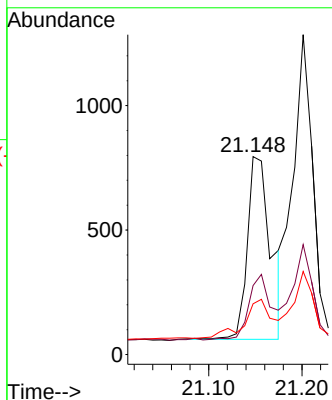
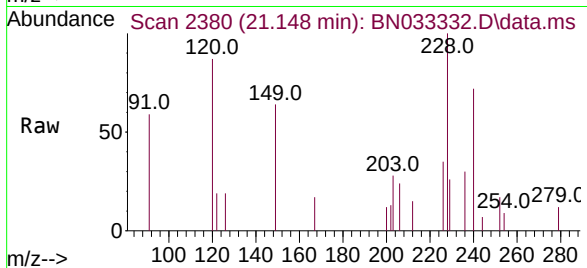




#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.148 min Scan# 211
Delta R.T. -0.013 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

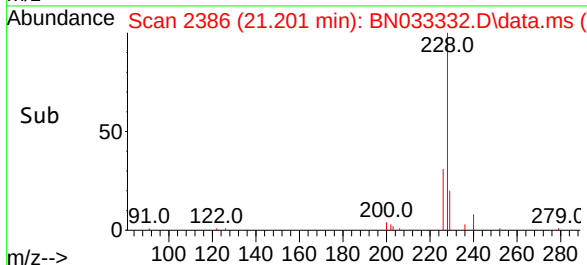
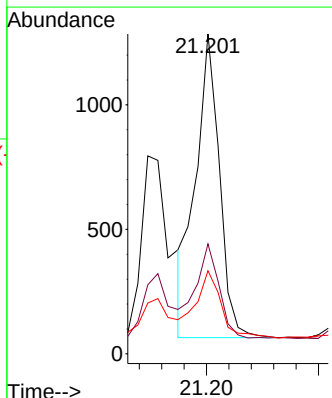
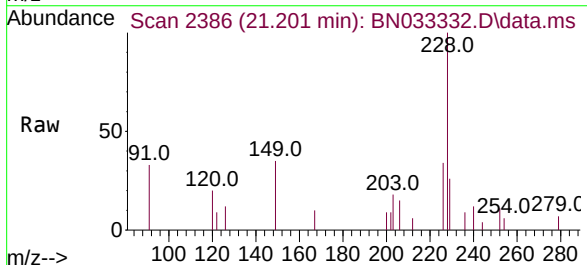
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

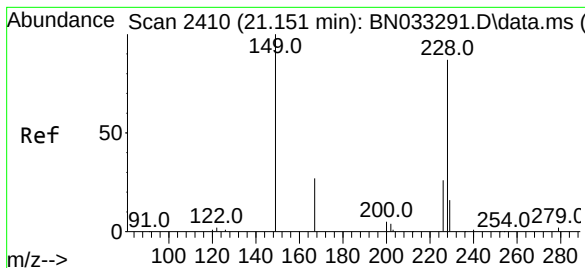
Tgt Ion:228 Resp: 1292
Ion Ratio Lower Upper
228 100
226 34.8 22.1 33.1#
229 25.7 15.6 23.4#



#33
Chrysene
Concen: 0.033 ng
RT: 21.201 min Scan# 2386
Delta R.T. -0.013 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:228 Resp: 1817
Ion Ratio Lower Upper
228 100
226 34.4 23.8 35.8
229 26.0 15.8 23.8#

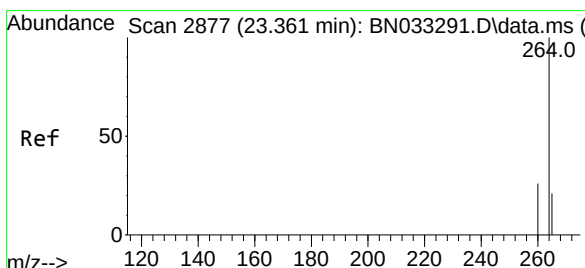
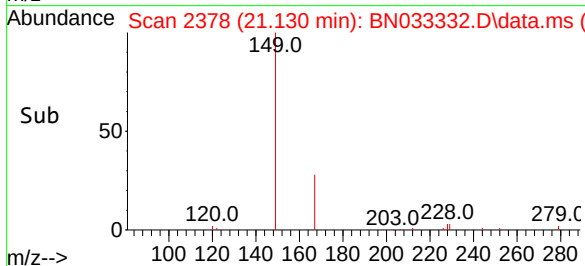
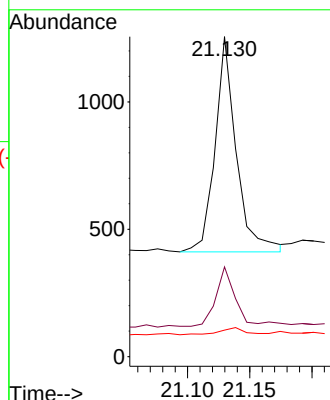
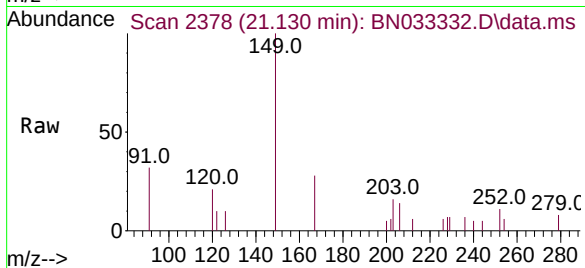




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.130 min Scan# 21
 Delta R.T. -0.022 min
 Lab File: BN033332.D
 Acq: 10 Aug 2024 00:22

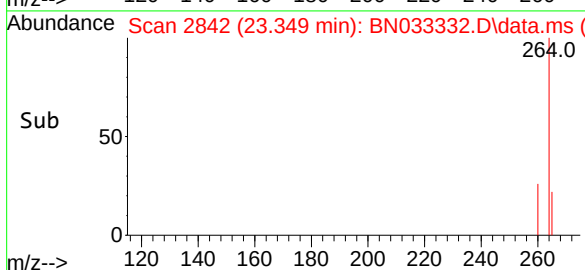
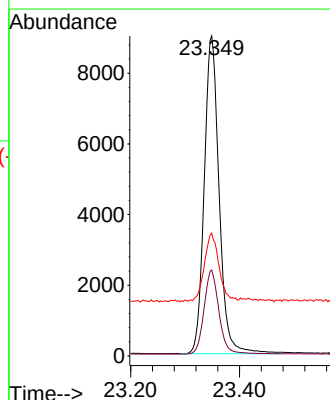
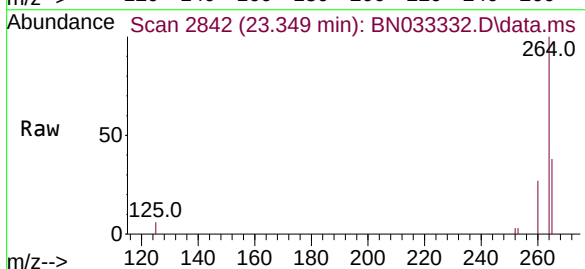
Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

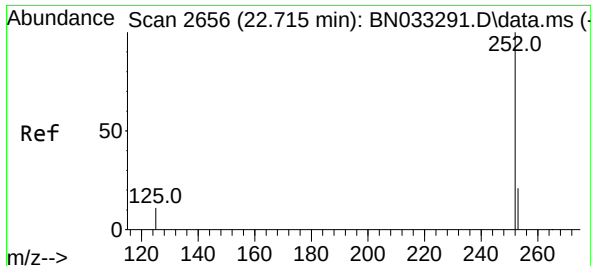
Tgt Ion:149 Resp: 1002
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.6 32.4
 279 3.8 2.6 4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.349 min Scan# 2842
 Delta R.T. -0.012 min
 Lab File: BN033332.D
 Acq: 10 Aug 2024 00:22

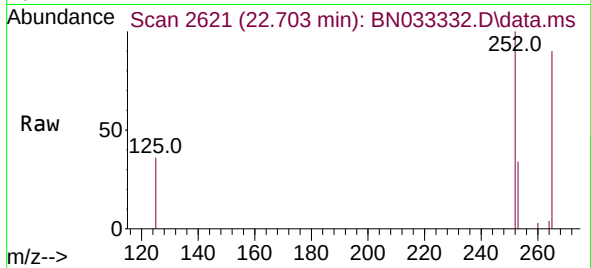
Tgt Ion:264 Resp: 17088
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.4 32.0
 265 38.4 22.4 33.6#



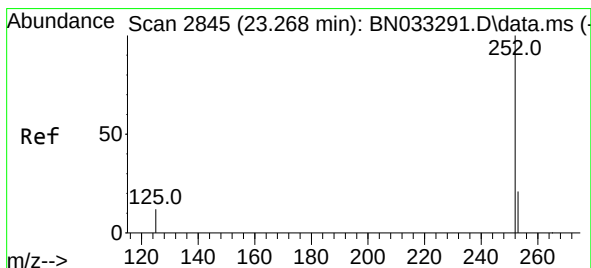
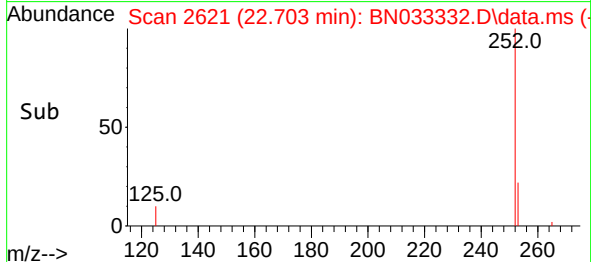
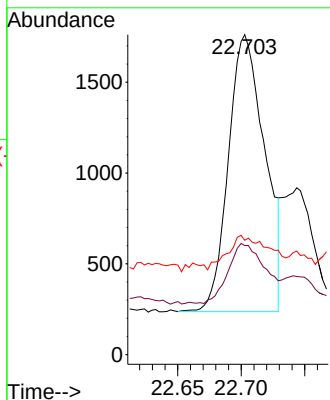


#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 22.703 min Scan# 20
Delta R.T. -0.012 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

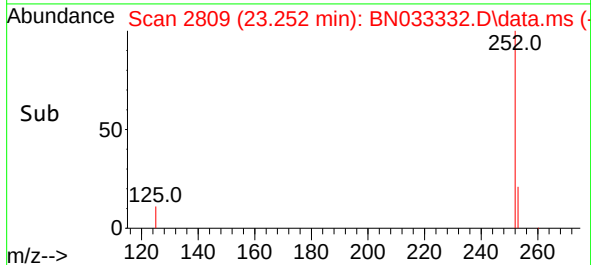
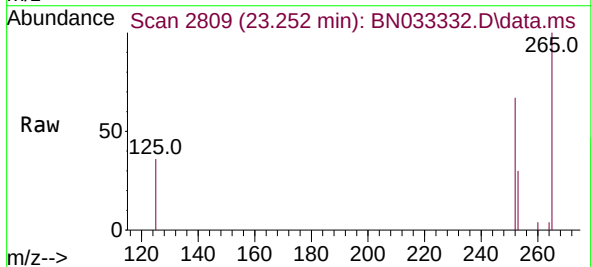
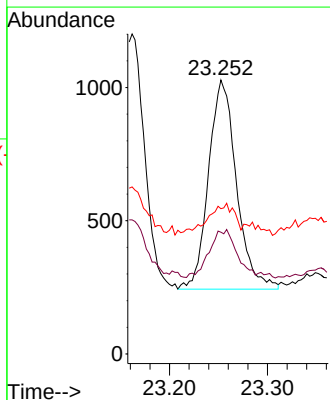


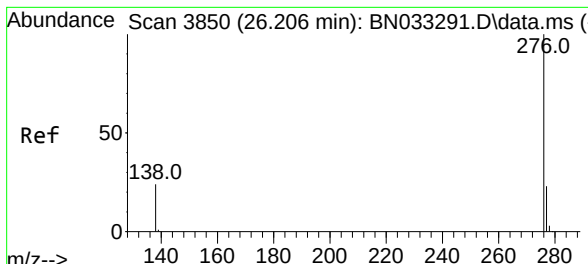
Tgt Ion:252 Resp: 3033
Ion Ratio Lower Upper
252 100
253 34.1 17.8 26.6#
125 35.8 10.0 15.0#



#39
Benzo(a)pyrene
Concen: 0.028 ng
RT: 23.252 min Scan# 2809
Delta R.T. -0.015 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:252 Resp: 1559
Ion Ratio Lower Upper
252 100
253 44.5 18.2 27.4#
125 53.0 11.4 17.2#





#41

Benzo(g,h,i)perylene

Concen: 0.027 ng

RT: 26.179 min Scan# 3810

Delta R.T. -0.027 min

Lab File: BN033332.D

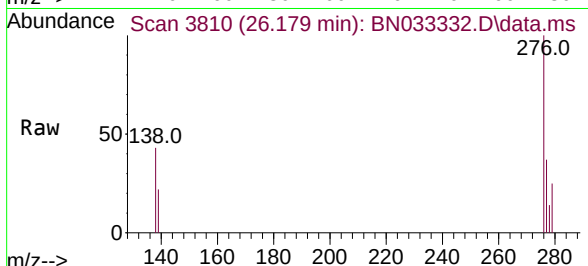
Acq: 10 Aug 2024 00:22

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD



Tgt Ion:276 Resp: 1712

Ion Ratio Lower Upper

276 100

277 37.3 19.0 28.4#

138 43.3 20.8 31.2#

