

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017885.D
 Acq On : 11 Dec 2021 00:17
 Operator : CG/JU
 Sample : PB141233BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141233BL

Quant Time: Dec 11 05:45:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

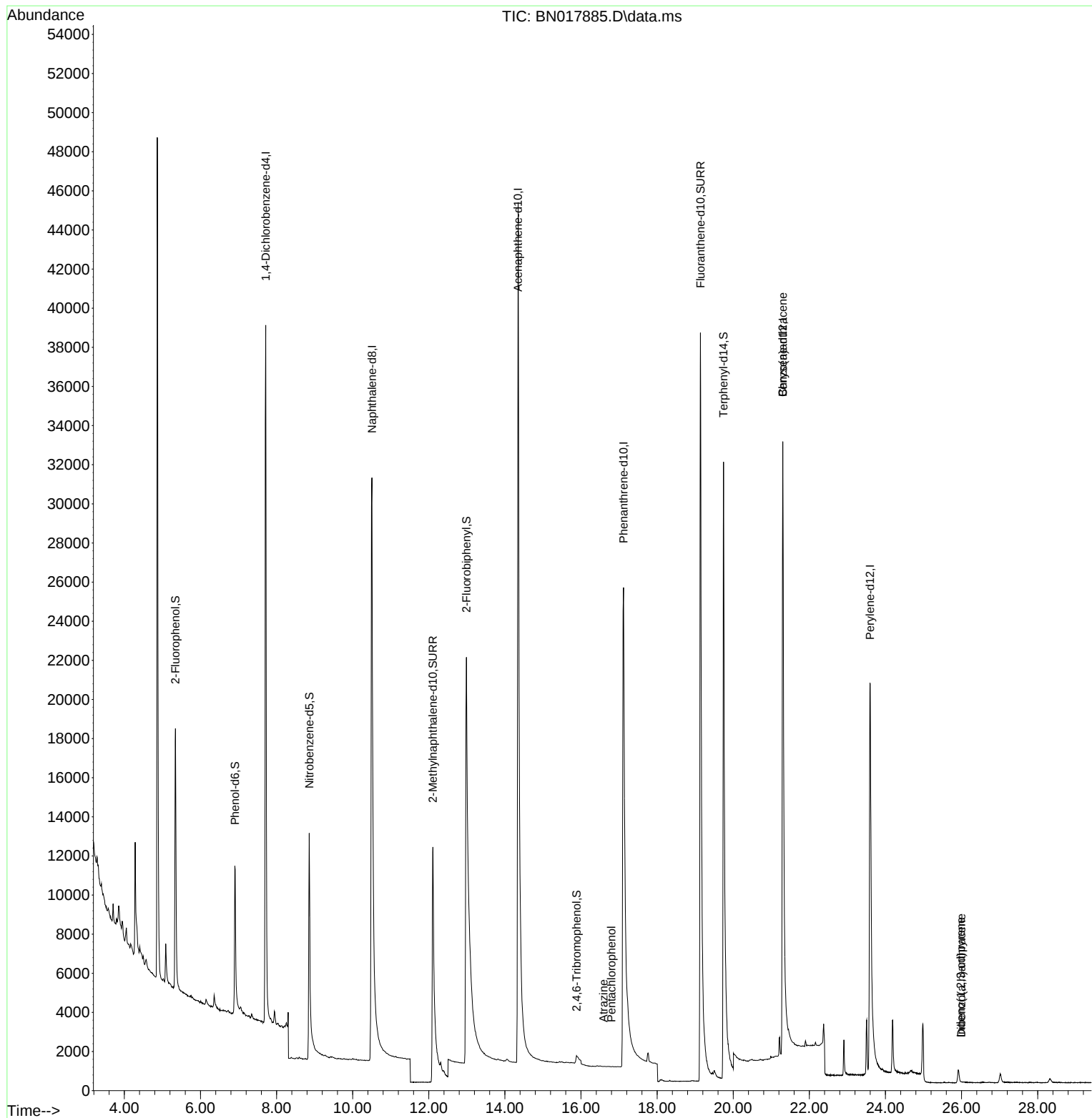
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	22378	0.400	ng	0.00
7) Naphthalene-d8	10.506	136	79328	0.400	ng	0.01
13) Acenaphthene-d10	14.347	164	49522	0.400	ng	0.01
19) Phenanthrene-d10	17.116	188	93194	0.400	ng	0.02
29) Chrysene-d12	21.303	240	67148	0.400	ng	0.01
35) Perylene-d12	23.599	264	47033	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	13393	0.290	ng	0.02
5) Phenol-d6	6.912	99	9211	0.201	ng	0.02
8) Nitrobenzene-d5	8.859	82	14899	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	12.107	152	39022	0.280	ng	0.02
14) 2,4,6-Tribromophenol	15.882	330	896	0.366	ng	0.04
15) 2-Fluorobiphenyl	12.989	172	40818	0.234	ng	0.03
27) Fluoranthene-d10	19.139	212	96949	0.321	ng	0.00
31) Terphenyl-d14	19.744	244	73543	0.444	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.501	198	2	Below Cal		Qvalue 85
23) Atrazine	16.593	200	6	0.092 ng	#	1
24) Pentachlorophenol	16.800	266	3	0.083 ng	#	17
32) Benzo(a)anthracene	21.303	228	454	0.052 ng	#	28
36) Indeno(1,2,3-cd)pyrene	25.981	276	2	0.089 ng	#	1
40) Dibenzo(a,h)anthracene	25.991	278	5	0.101 ng	#	1

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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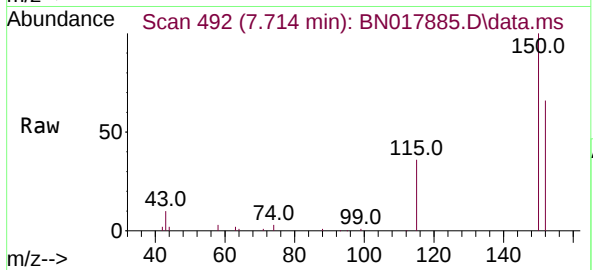
Quant Time: Dec 11 05:45:51 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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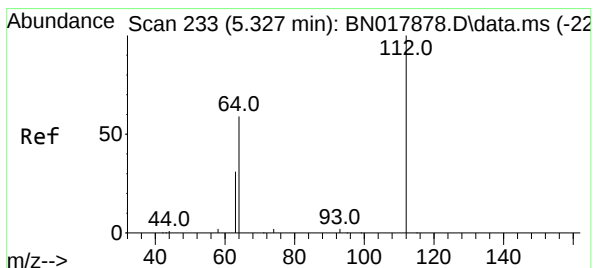
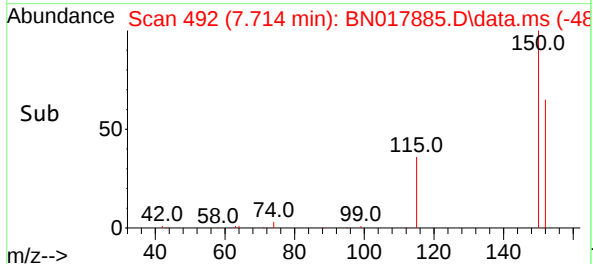
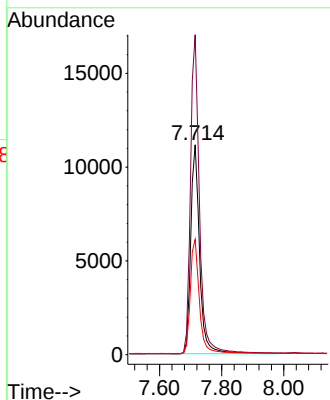


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Instrument :
BNA_N
ClientSampleId :
PB141233BL

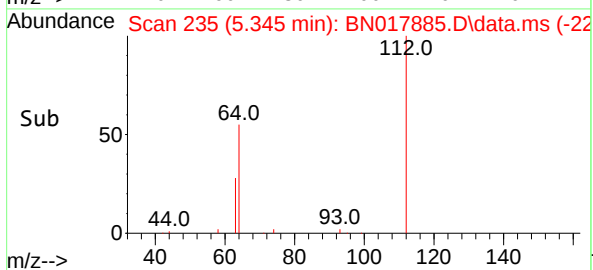
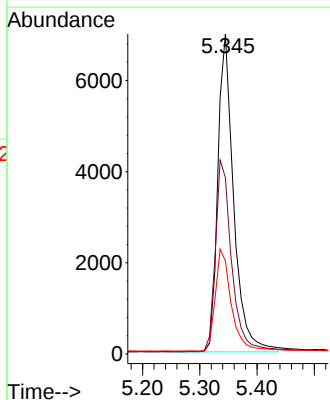
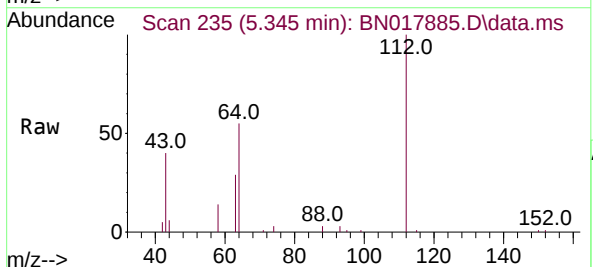


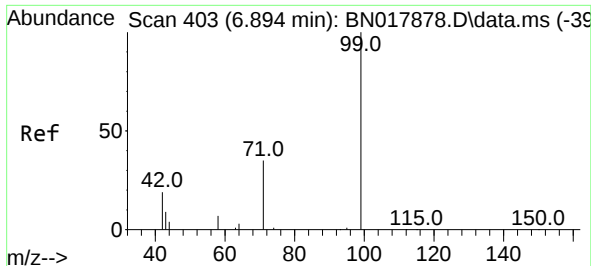
Tgt Ion:152 Resp: 22378
Ion Ratio Lower Upper
152 100
150 152.5 121.9 182.9
115 54.9 44.1 66.1



#4
2-Fluorophenol
Concen: 0.290 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion:112 Resp: 13393
Ion Ratio Lower Upper
112 100
64 61.4 49.0 73.4
63 32.4 26.2 39.2

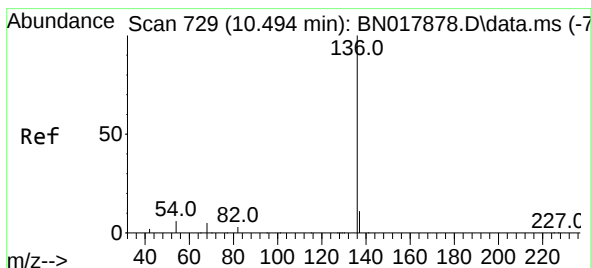
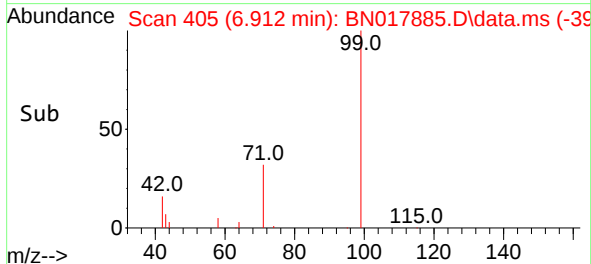
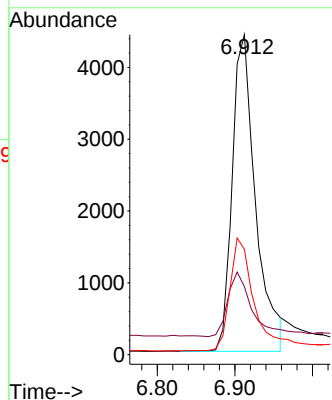
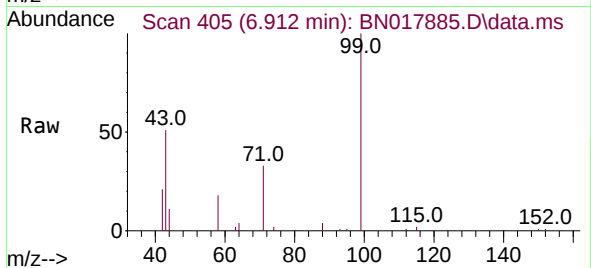




#5
Phenol-d6
Concen: 0.201 ng
RT: 6.912 min Scan# 403
Delta R.T. 0.018 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

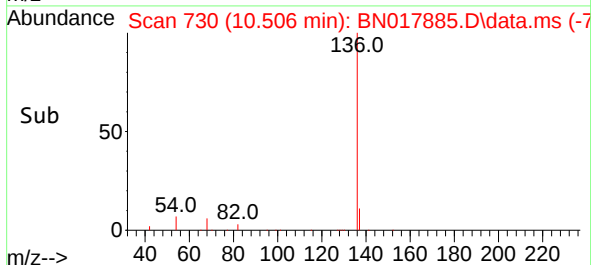
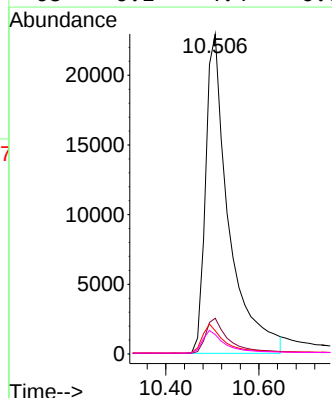
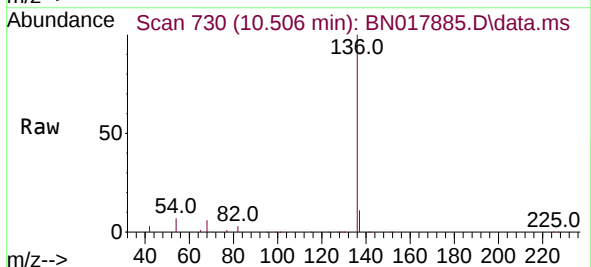
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BNA_N
ClientSampleId :
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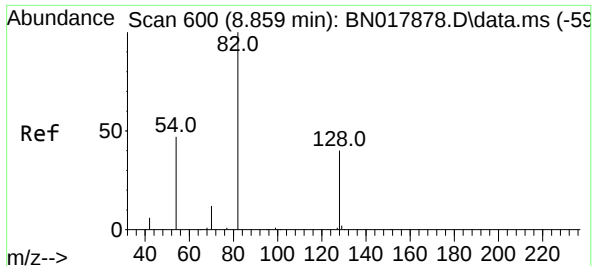
Tgt Ion: 99 Resp: 9211
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 35.9 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.506 min Scan# 730
Delta R.T. 0.012 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion: 136 Resp: 79328
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 5.1 7.7
68 6.1 4.4 6.6

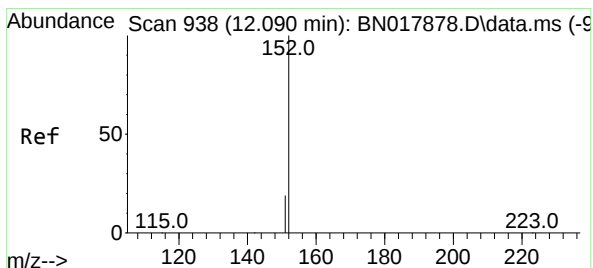
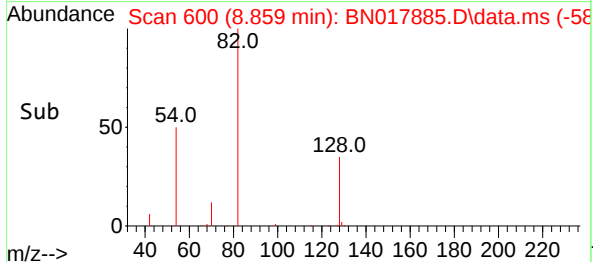
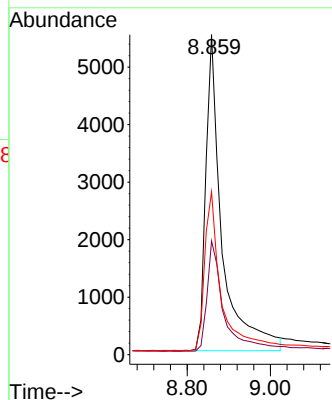
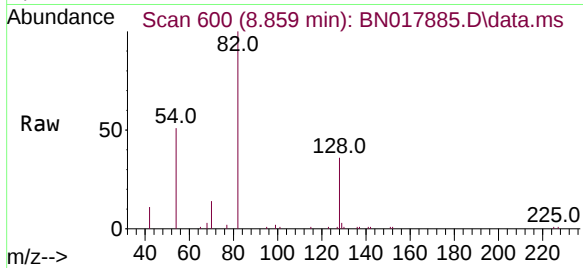




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

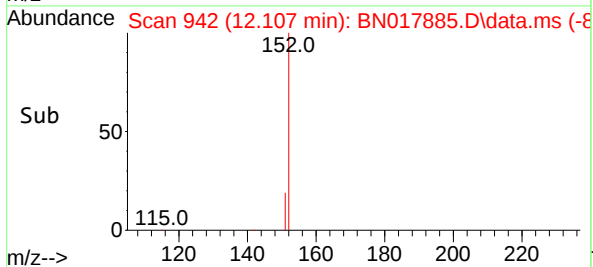
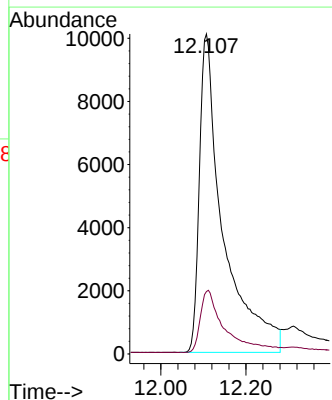
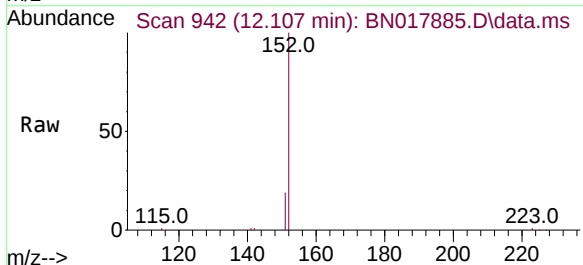
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ClientSampleId :
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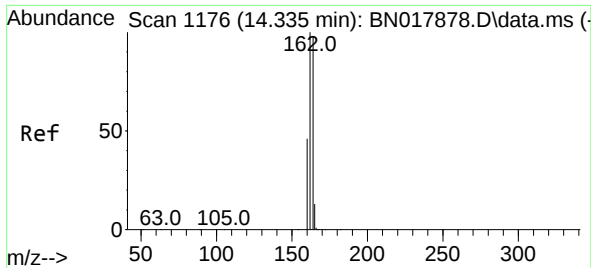
Tgt Ion: 82 Resp: 14899
Ion Ratio Lower Upper
82 100
128 35.5 32.2 48.4
54 50.9 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.107 min Scan# 942
Delta R.T. 0.017 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion: 152 Resp: 39022
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

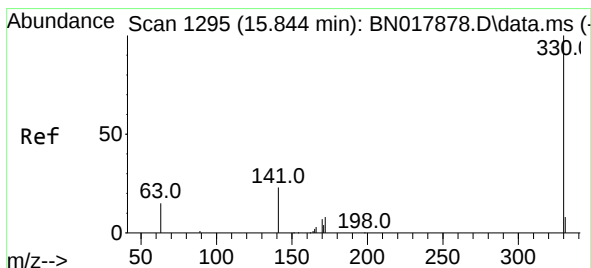
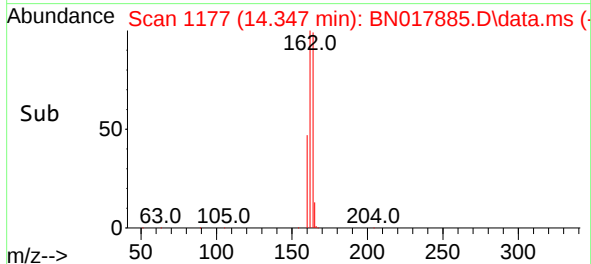
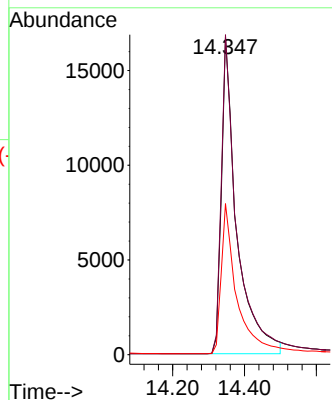
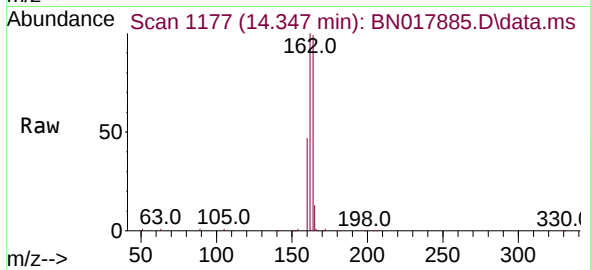




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. 0.012 min
 Lab File: BN017885.D
 Acq: 11 Dec 2021 00:17

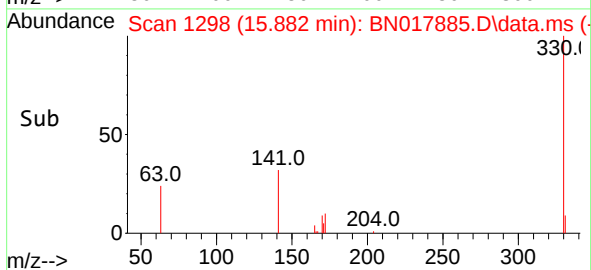
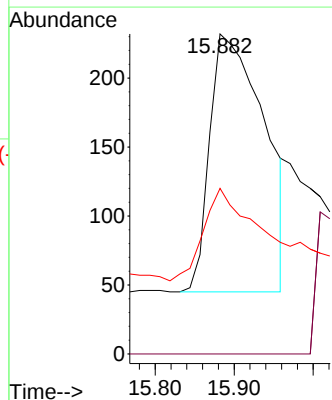
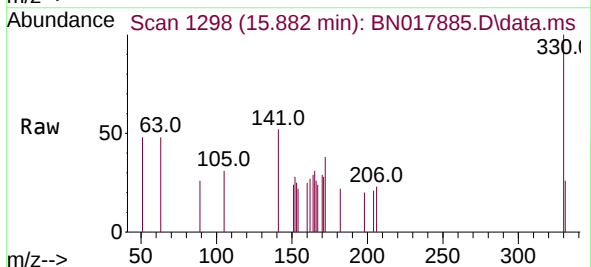
Instrument :
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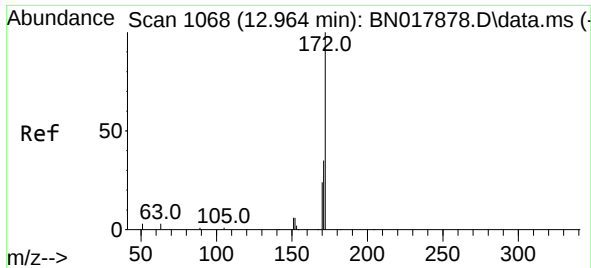
Tgt Ion:164 Resp: 49522
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.1 123.1
 160 47.5 38.2 57.2



#14
 2,4,6-Tribromophenol
 Concen: 0.366 ng
 RT: 15.882 min Scan# 1298
 Delta R.T. 0.038 min
 Lab File: BN017885.D
 Acq: 11 Dec 2021 00:17

Tgt Ion:330 Resp: 896
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.7 19.7 29.5#

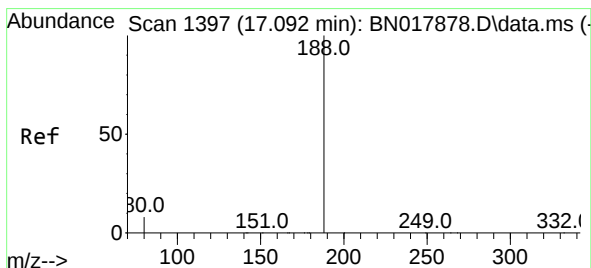
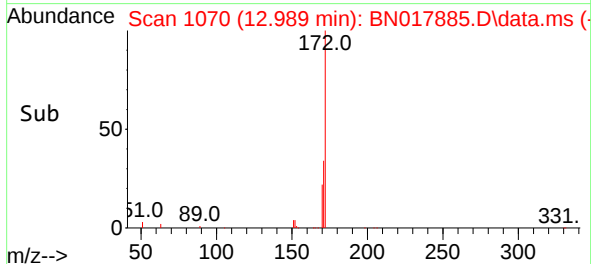
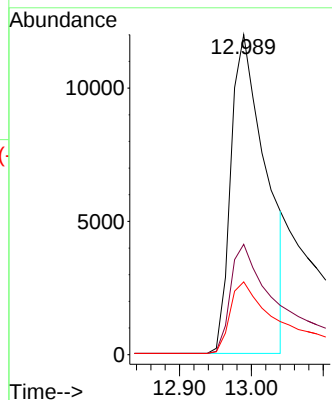
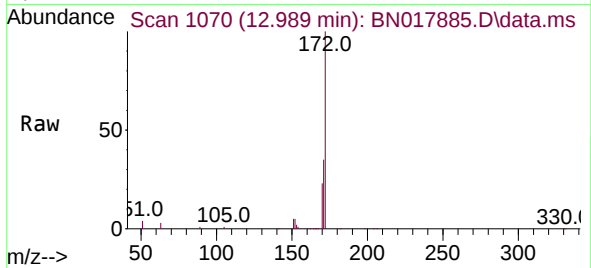




#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 12.989 min Scan# 1070
Delta R.T. 0.025 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

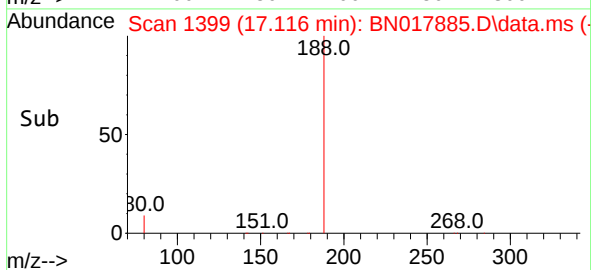
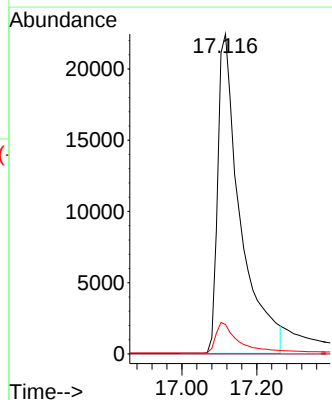
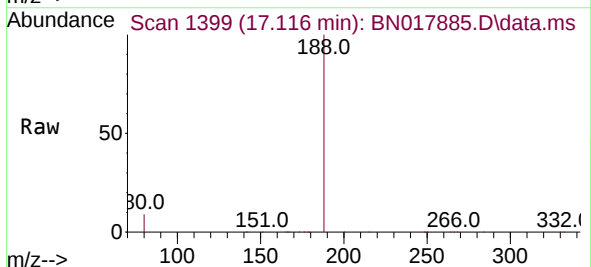
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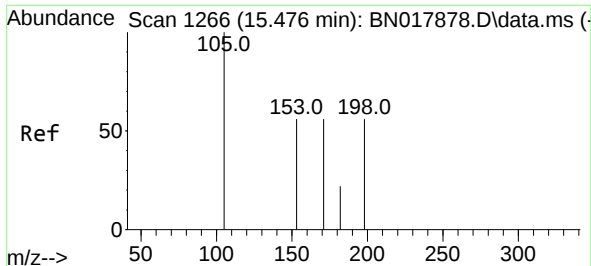
Tgt Ion:172 Resp: 40818
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.7 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion:188 Resp: 93194
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 6.2 9.2

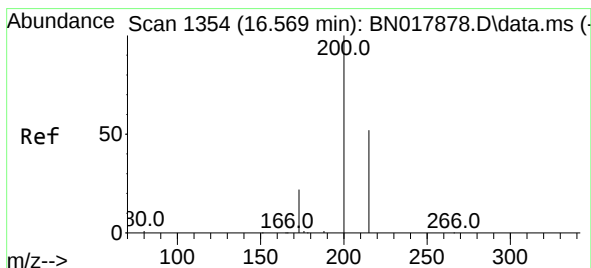
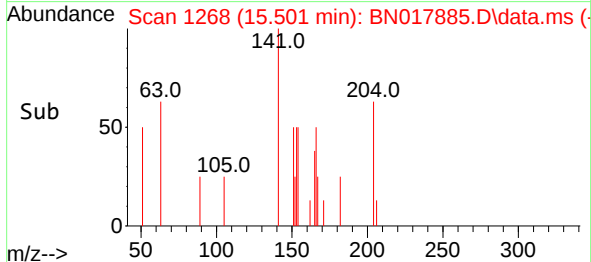
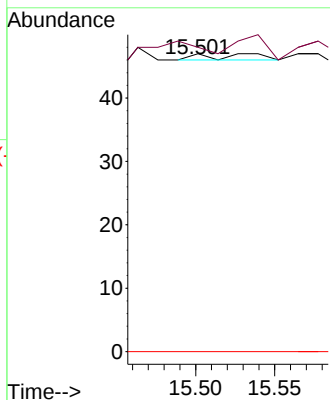
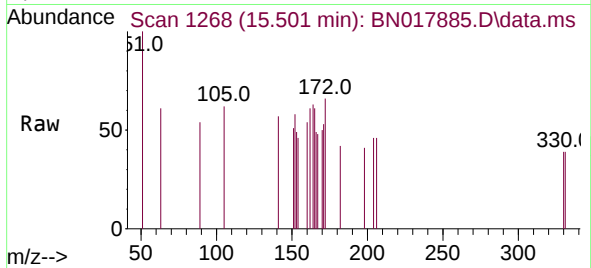




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.501 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

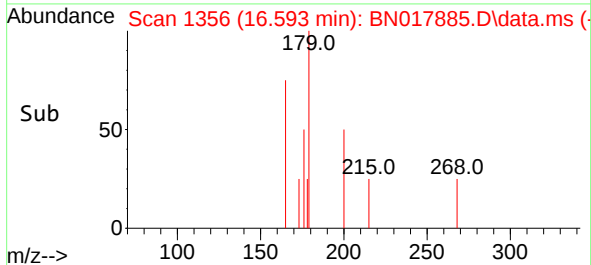
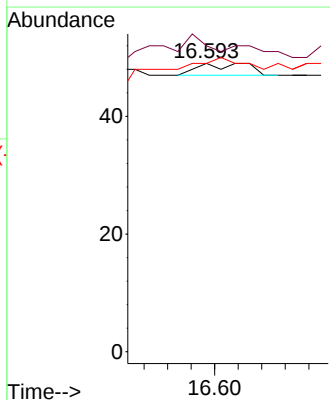
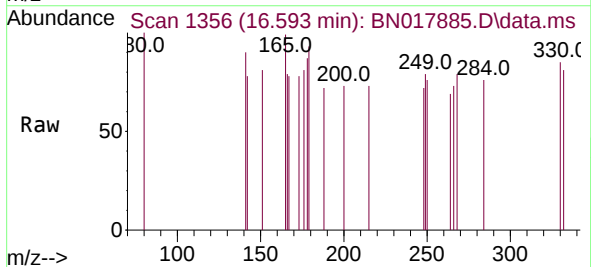
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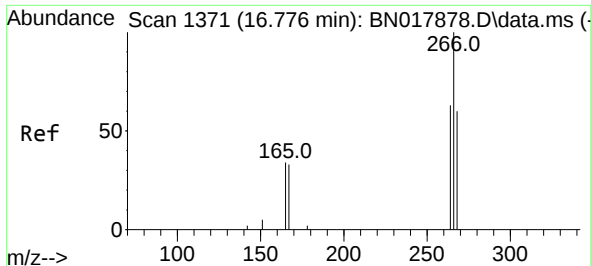
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 102.1 70.8 106.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.593 min Scan# 1356
Delta R.T. 0.024 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

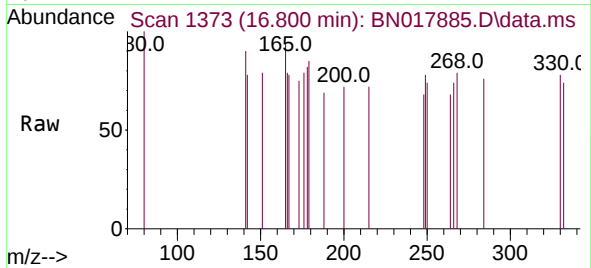
Tgt Ion:200 Resp: 6
Ion Ratio Lower Upper
200 100
173 106.1 18.2 27.2#
215 100.0 41.8 62.8#



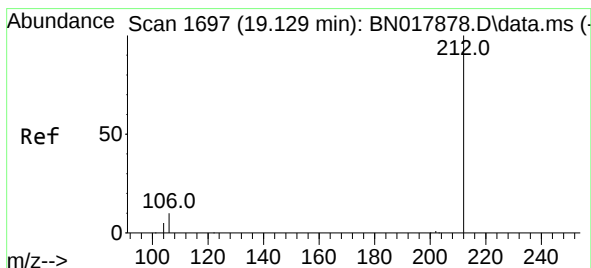
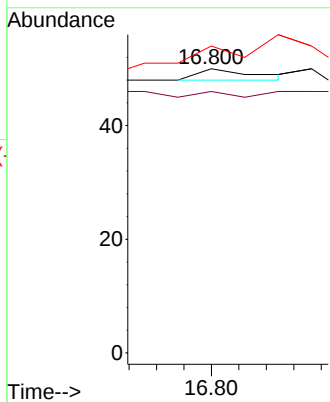
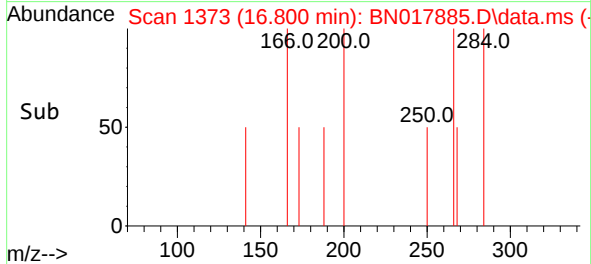


#24
 Pentachlorophenol
 Concen: 0.083 ng
 RT: 16.800 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: BN017885.D
 Acq: 11 Dec 2021 00:17

Instrument :
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 ClientSampleId :
 PB141233BL

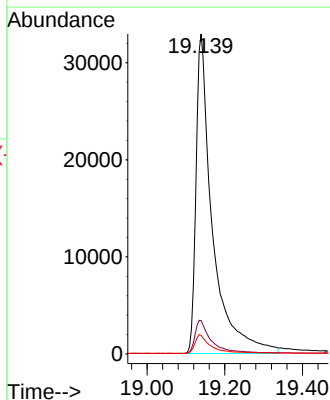
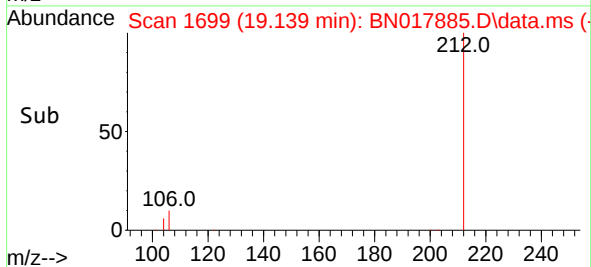
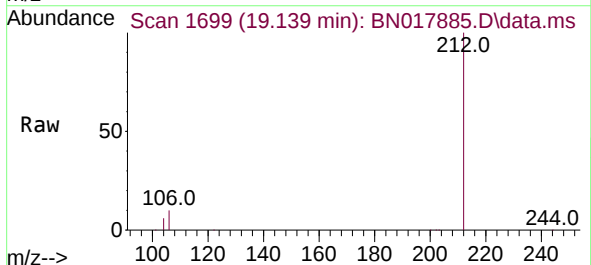


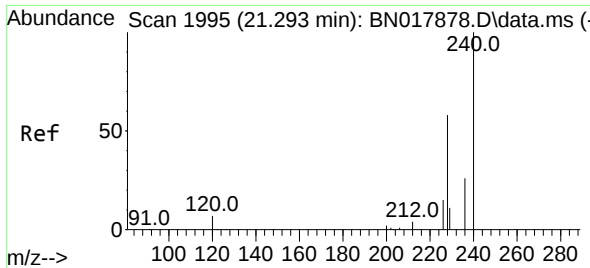
Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.321 ng
 RT: 19.139 min Scan# 1699
 Delta R.T. 0.010 min
 Lab File: BN017885.D
 Acq: 11 Dec 2021 00:17

Tgt Ion:212 Resp: 96949
 Ion Ratio Lower Upper
 212 100
 106 10.5 8.3 12.5
 104 5.8 4.6 6.8

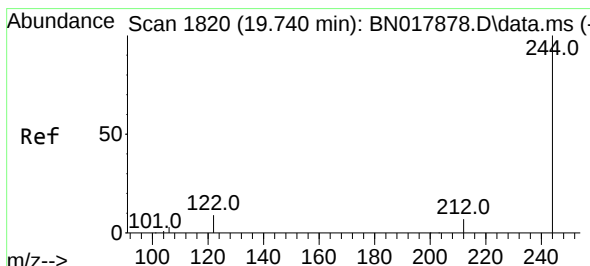
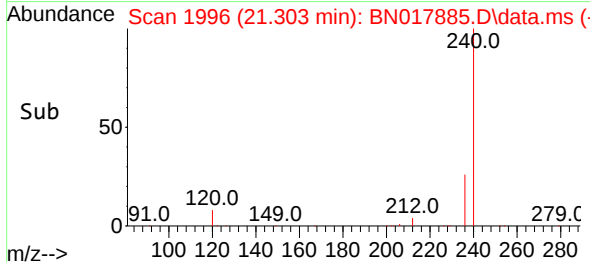
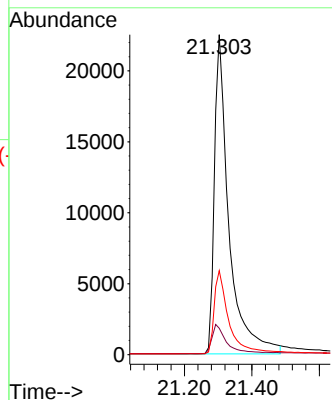
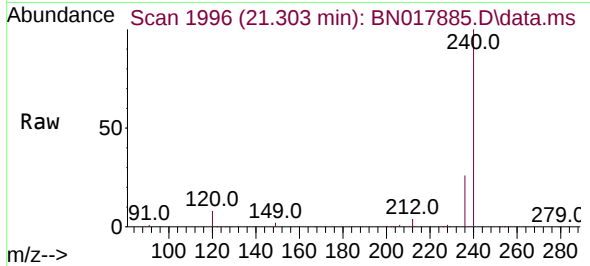




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.010 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

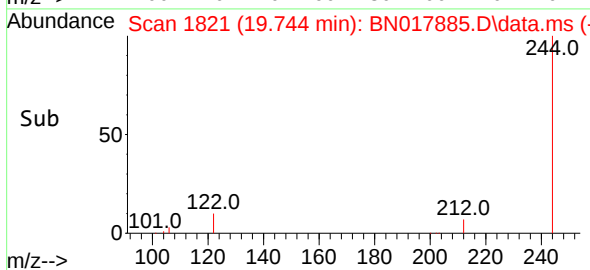
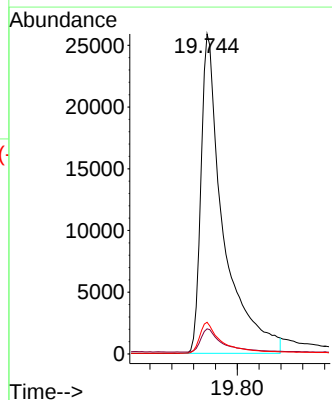
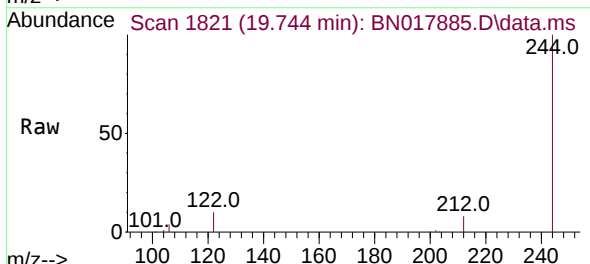
Instrument :
BNA_N
ClientSampleId :
PB141233BL

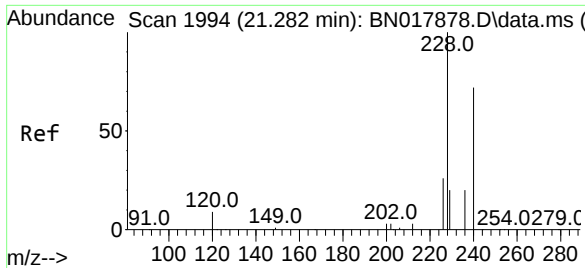
Tgt Ion:240 Resp: 67148
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.3 21.0 31.6



#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.744 min Scan# 1821
Delta R.T. 0.005 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion:244 Resp: 73543
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 9.9 7.5 11.3

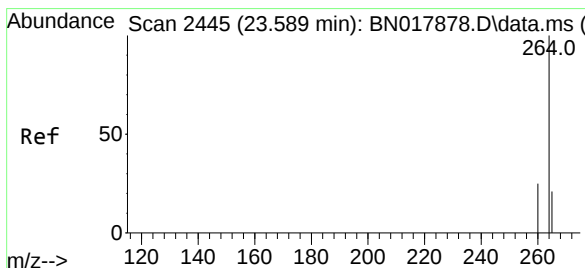
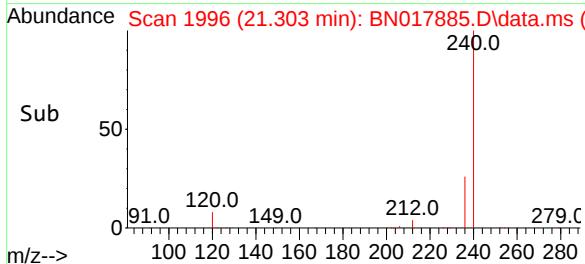
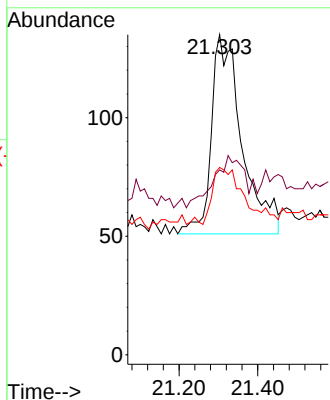
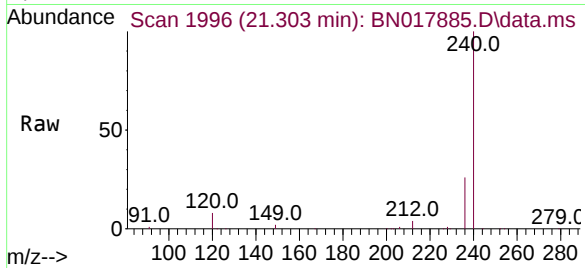




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.021 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

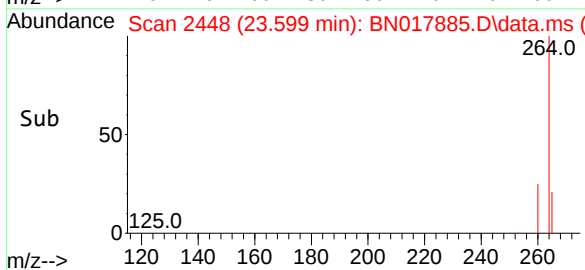
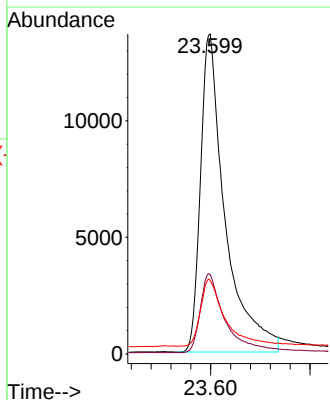
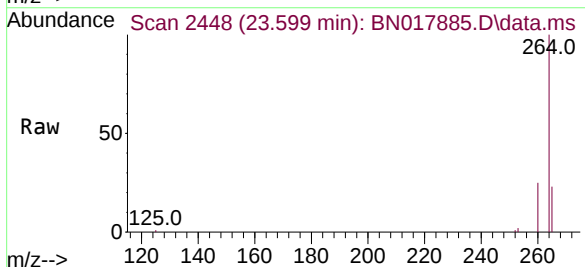
Instrument :
BNA_N
ClientSampleId :
PB141233BL

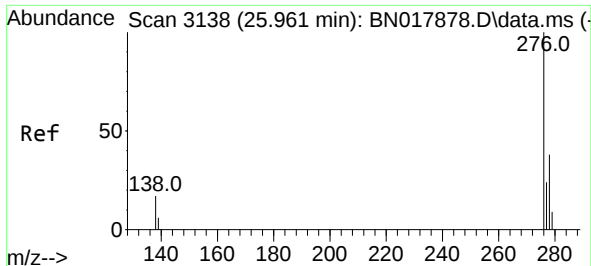
Tgt Ion:228 Resp: 454
Ion Ratio Lower Upper
228 100
226 57.8 21.0 31.4#
229 58.5 15.8 23.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.599 min Scan# 2448
Delta R.T. 0.010 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion:264 Resp: 47033
Ion Ratio Lower Upper
264 100
260 24.8 20.2 30.4
265 23.0 18.2 27.4

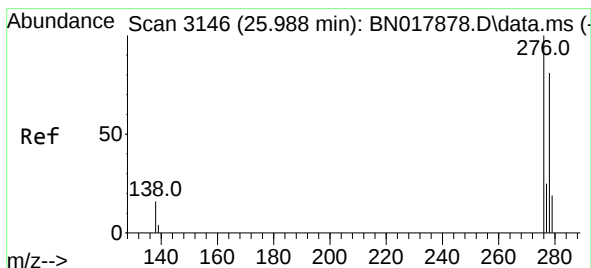
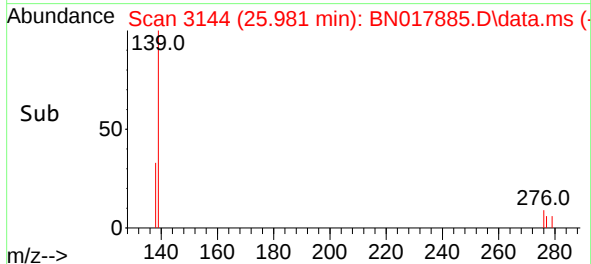
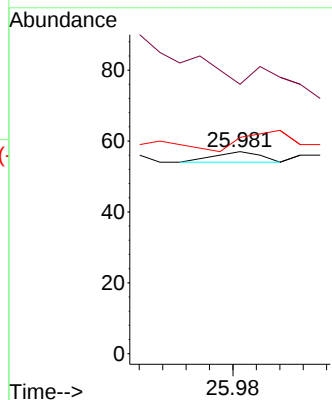
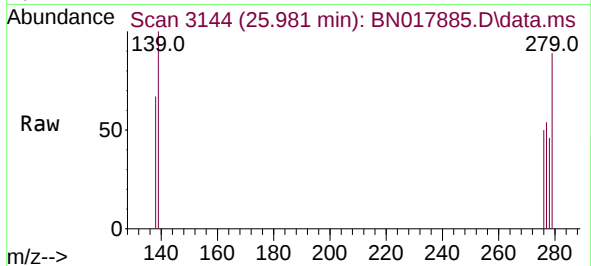




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.981 min Scan# 3138
Delta R.T. 0.020 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Instrument :
BNA_N
ClientSampleId :
PB141233BL

Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 200.0 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.991 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BN017885.D
Acq: 11 Dec 2021 00:17

Tgt Ion:278 Resp: 5
Ion Ratio Lower Upper
278 100
139 169.0 12.0 18.0#
279 165.5 20.8 31.2#

