

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017904.D
 Acq On : 11 Dec 2021 13:32
 Operator : CG/JU
 Sample : M4923-12DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201DL

Quant Time: Dec 11 21:30:19 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)

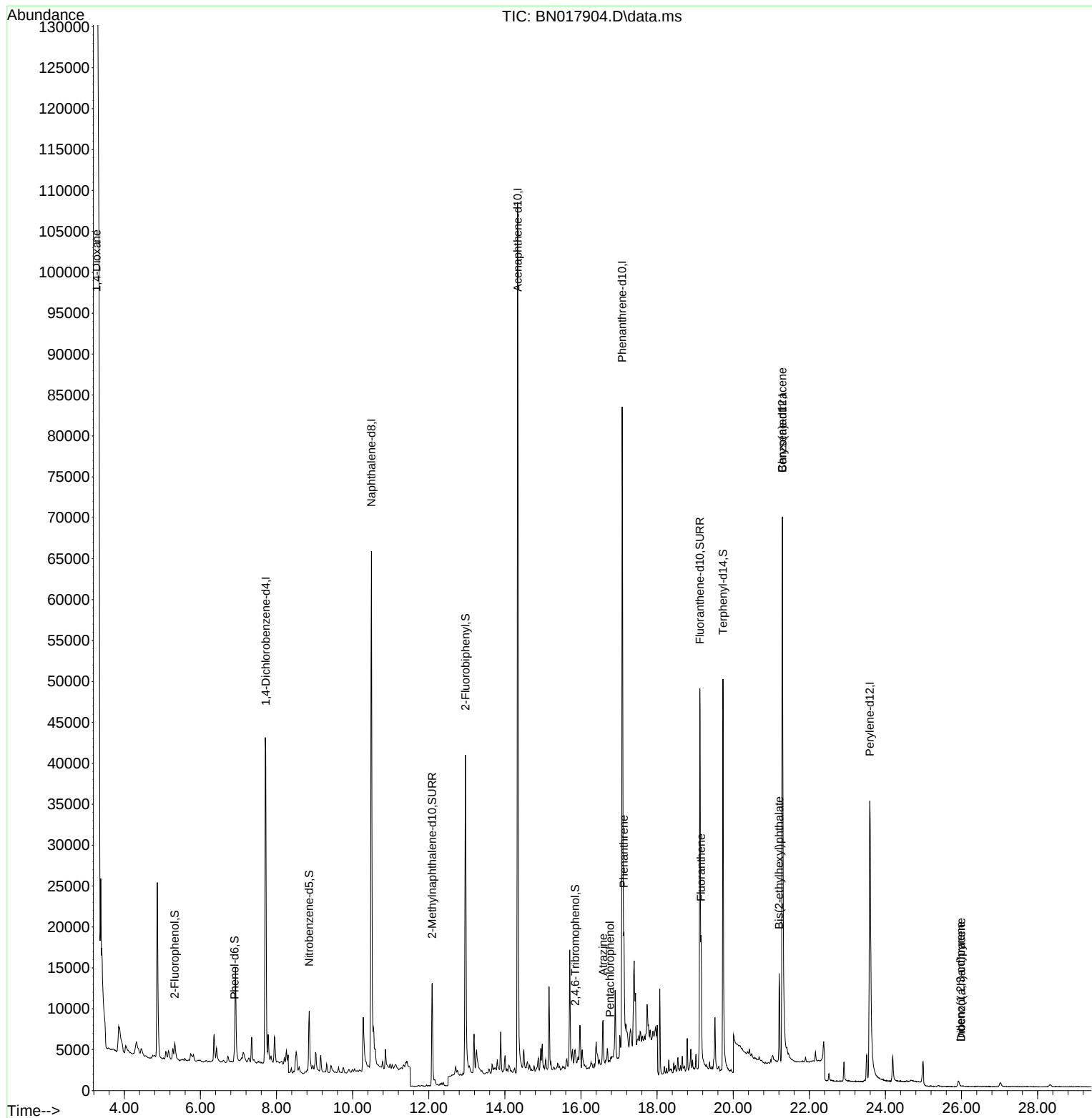
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	24614	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101488	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	69432	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	141009	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	100597	0.400	ng	0.00
35) Perylene-d12	23.592	264	72092	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	2587	0.051	ng	0.00
5) Phenol-d6	6.894	99	1667	0.033	ng	0.00
8) Nitrobenzene-d5	8.859	82	8372	0.126	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	21657	0.121	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2023	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	35901	0.147	ng	0.00
27) Fluoranthene-d10	19.124	212	67753	0.148	ng	0.00
31) Terphenyl-d14	19.730	244	64910	0.262	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	40360	5.403	ng	94
20) 4,6-Dinitro-2-methylph...	15.451	198	13	Below Cal	#	2
23) Atrazine	16.581	200	180	0.094	ng	# 1
24) Pentachlorophenol	16.764	266	14	0.088	ng	# 17
25) Phenanthrene	17.129	178	14196	0.039	ng	97
28) Fluoranthene	19.159	202	12713	0.029	ng	99
32) Benzo(a)anthracene	21.293	228	781	0.052	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.208	149	11916	0.110	ng	100
36) Indeno(1,2,3-cd)pyrene	25.975	276	3	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.985	278	2	0.101	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017904.D
Acq On : 11 Dec 2021 13:32
Operator : CG/JU
Sample : M4923-12DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

Quant Time: Dec 11 21:30:19 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

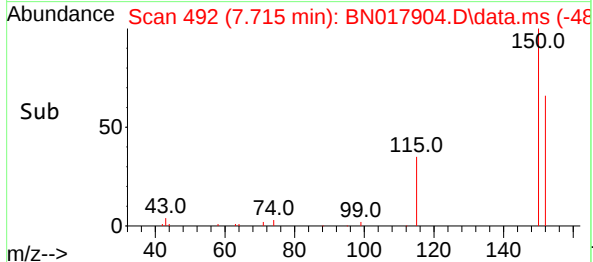
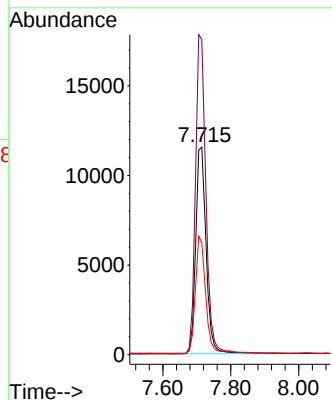
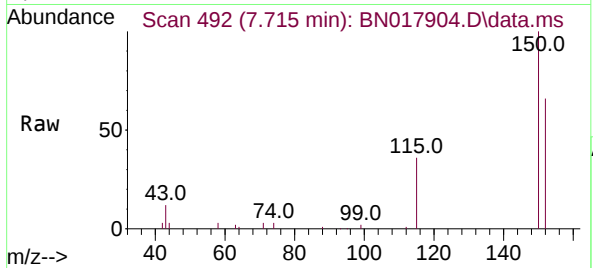




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

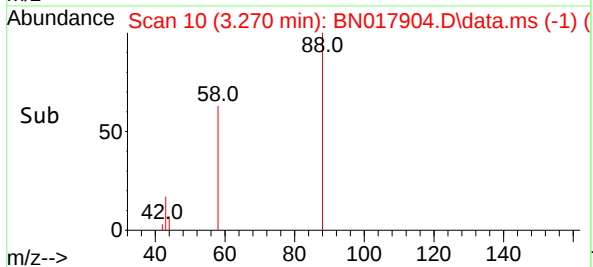
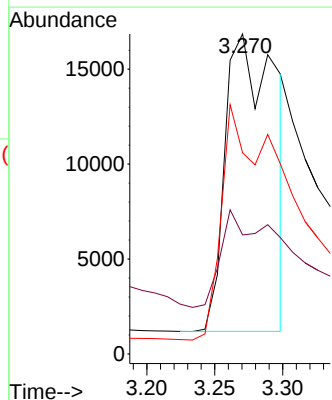
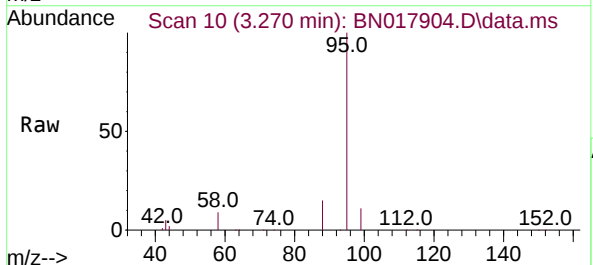
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201DL

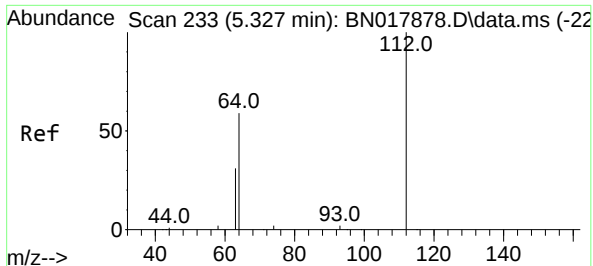
Tgt Ion:152 Resp: 24614
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.9 182.9
 115 54.0 44.1 66.1



#2
 1,4-Dioxane
 Concen: 5.403 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

Tgt Ion: 88 Resp: 40360
 Ion Ratio Lower Upper
 88 100
 43 31.7 28.0 42.0
 58 76.8 65.4 98.0

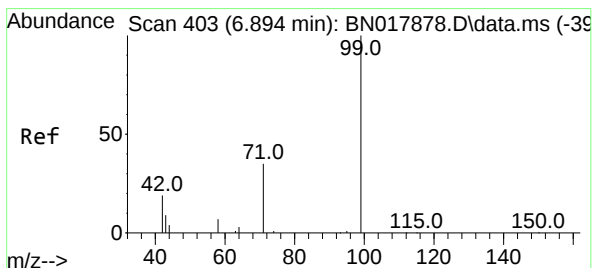
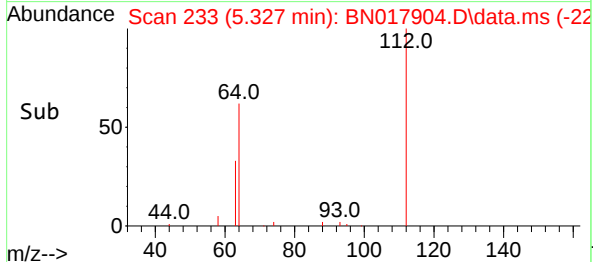
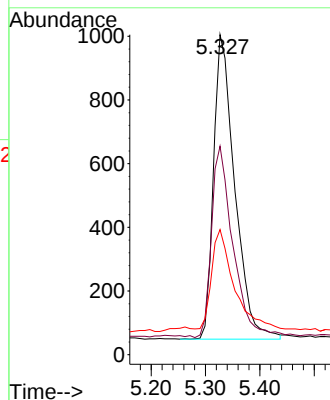
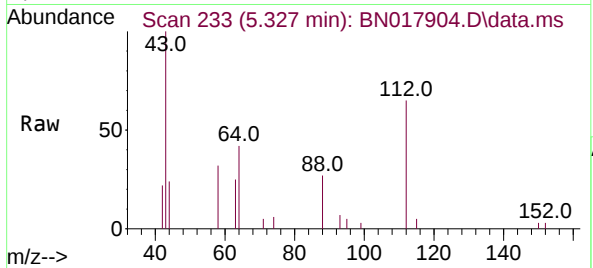




#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.327 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

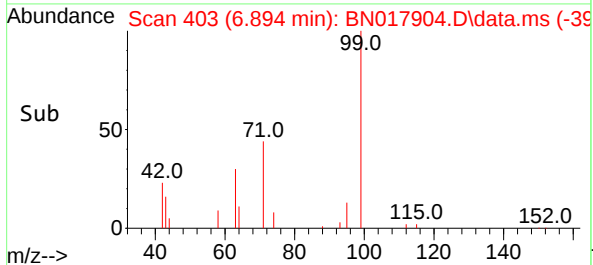
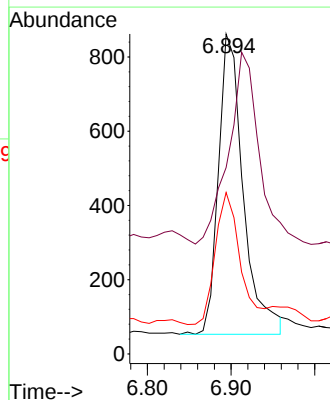
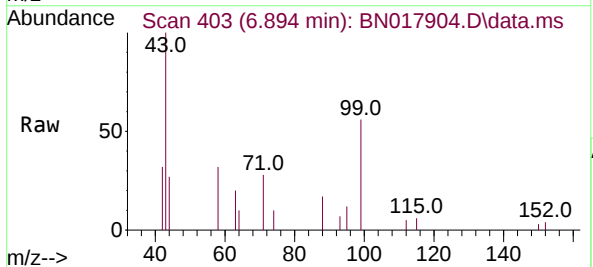
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

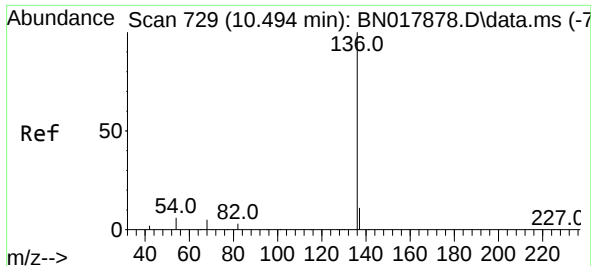
Tgt Ion:112 Resp: 2587
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.4
63 34.0 26.2 39.2



#5
Phenol-d6
Concen: 0.033 ng
RT: 6.894 min Scan# 403
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion: 99 Resp: 1667
Ion Ratio Lower Upper
99 100
42 76.7 17.0 25.4#
71 44.6 28.0 42.0#

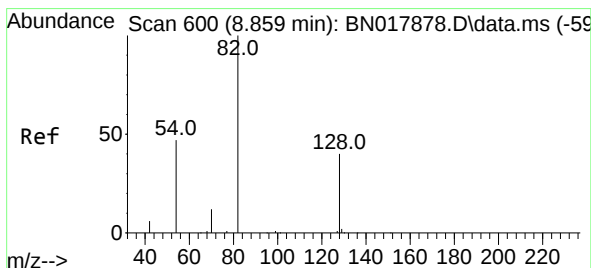
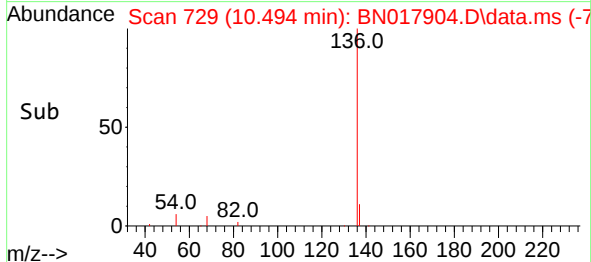
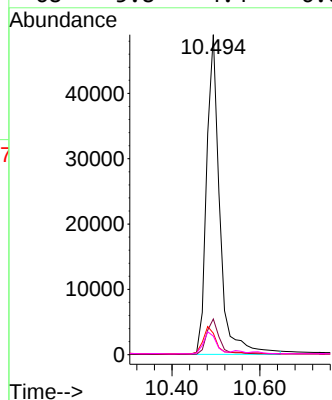
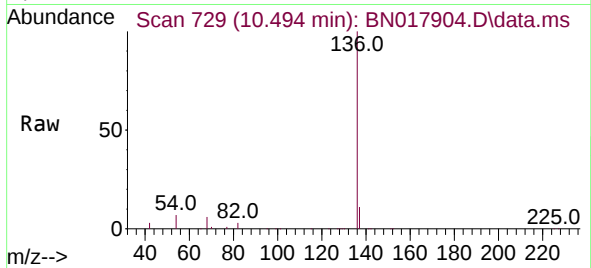




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

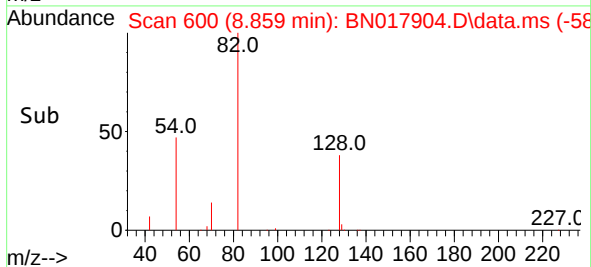
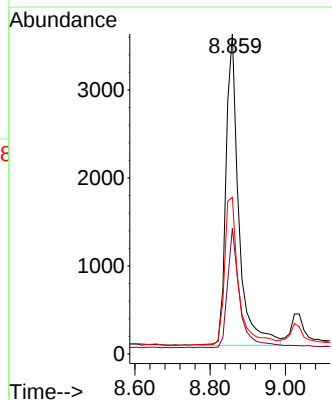
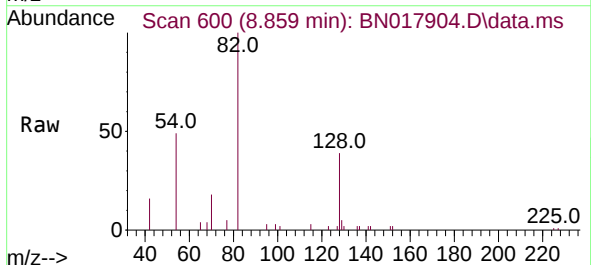
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

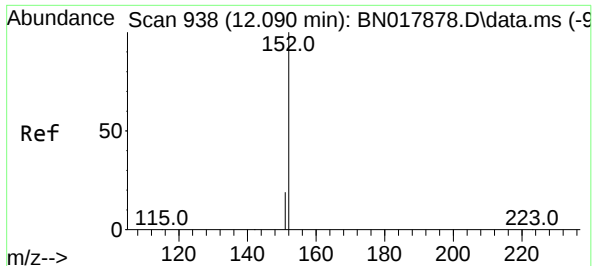
Tgt Ion:	136	Resp:	101488
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	6.7	5.1	7.7
68	5.8	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.126 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:	82	Resp:	8372
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.2	48.4
54	49.0	37.6	56.4

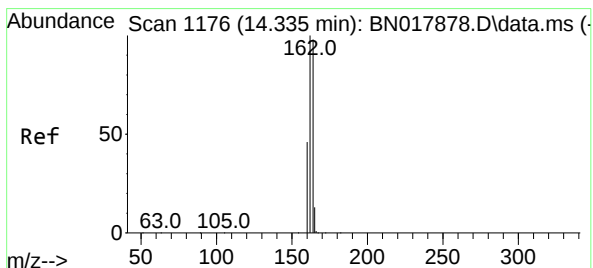
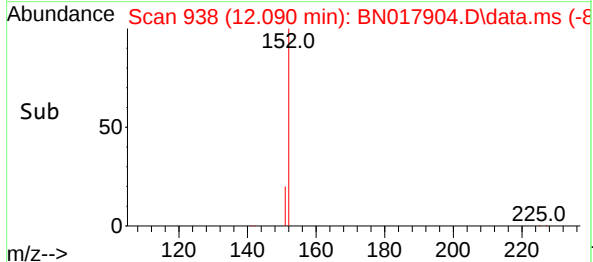
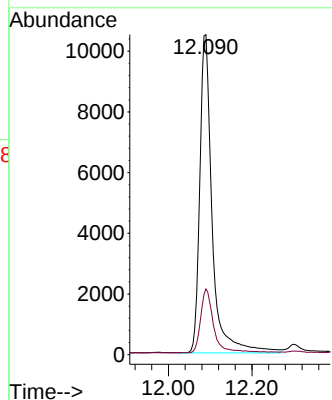
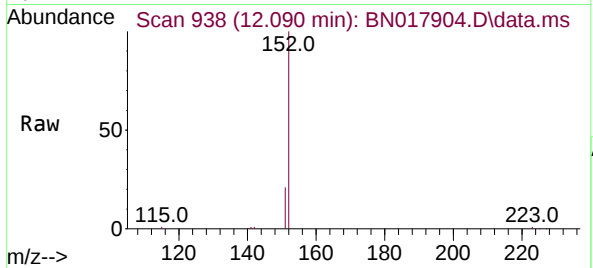




#11
2-Methylnaphthalene-d10
Concen: 0.121 ng
RT: 12.090 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

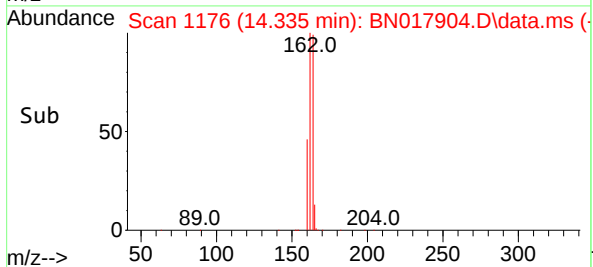
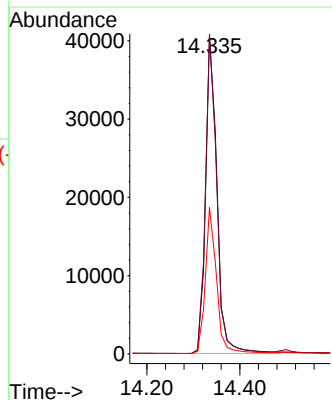
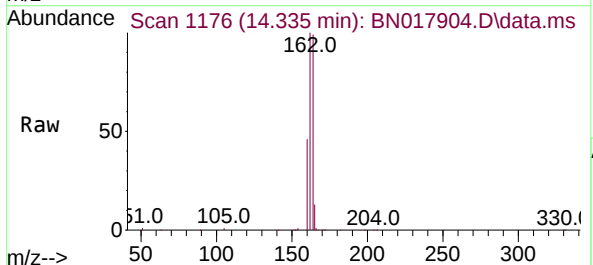
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

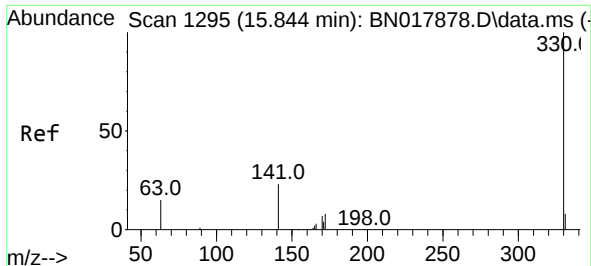
Tgt Ion:152 Resp: 21657
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:164 Resp: 69432
Ion Ratio Lower Upper
164 100
162 100.7 82.1 123.1
160 46.1 38.2 57.2

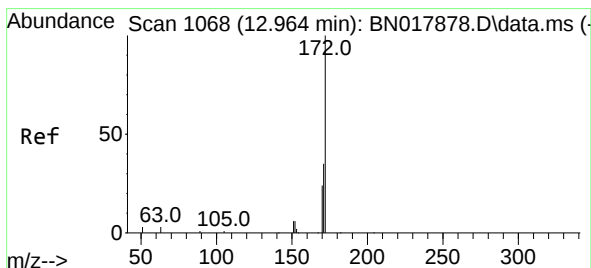
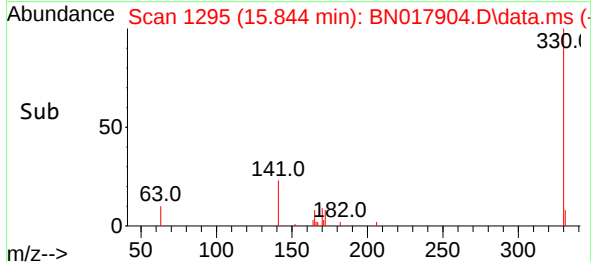
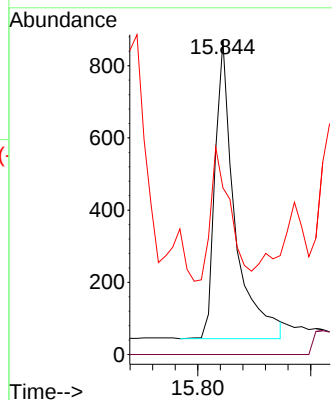
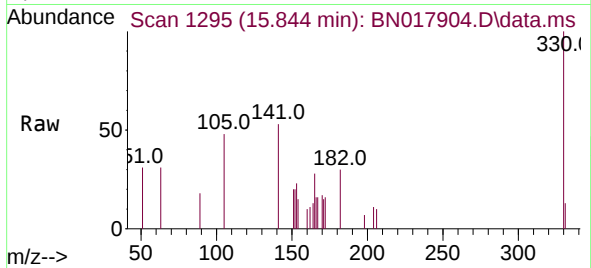




#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

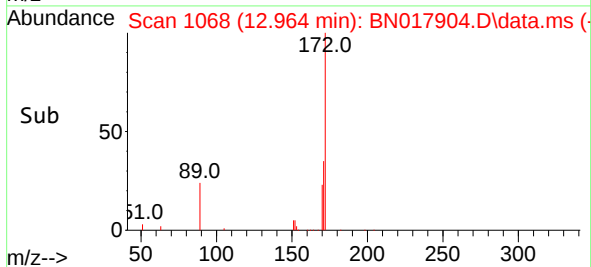
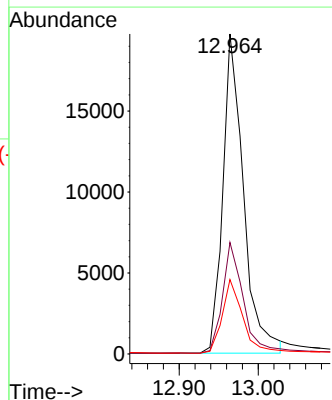
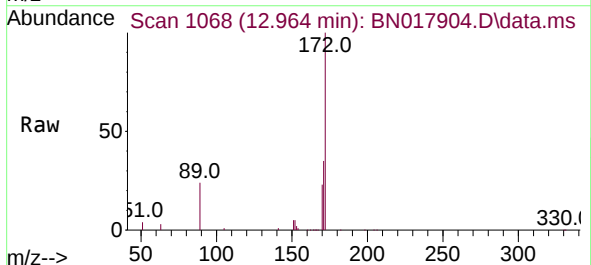
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

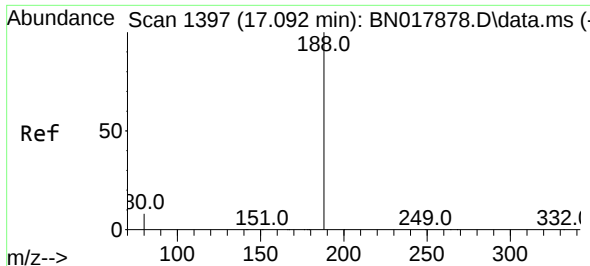
Tgt Ion: 330 Resp: 2023
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.147 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion: 172 Resp: 35901
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.1 28.7

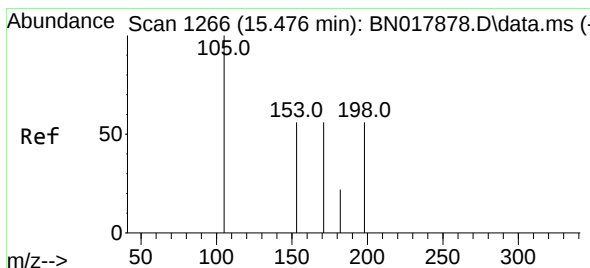
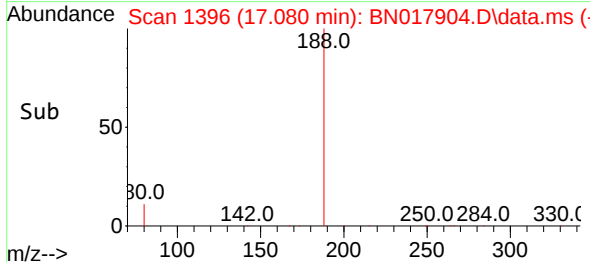
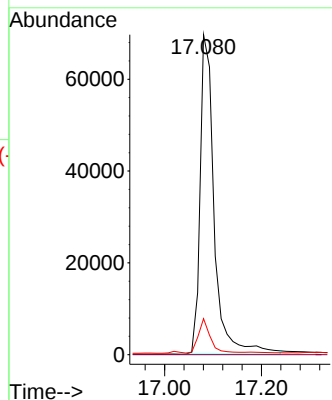
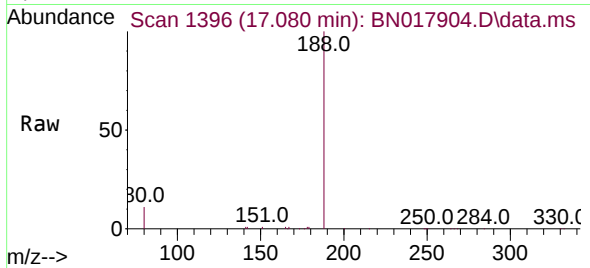




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

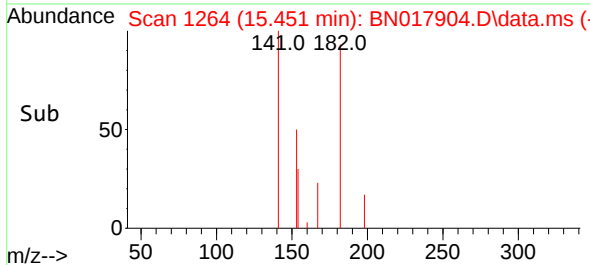
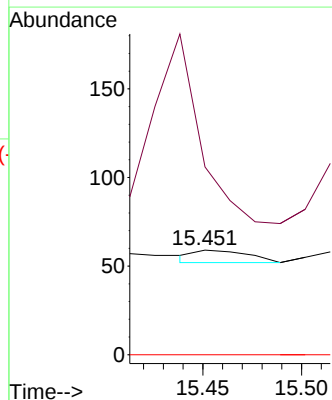
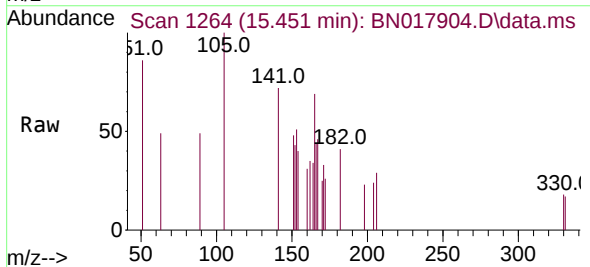
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

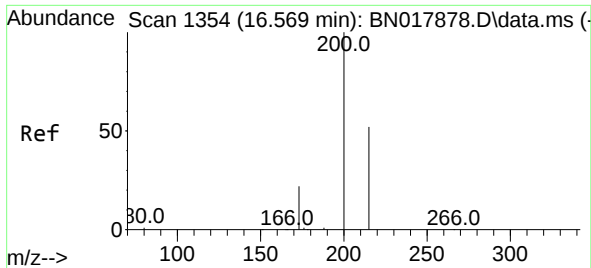
Tgt Ion:188 Resp: 141009
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 6.2 9.2#



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
182 179.7 70.8 106.2#
77 0.0 0.0 0.0

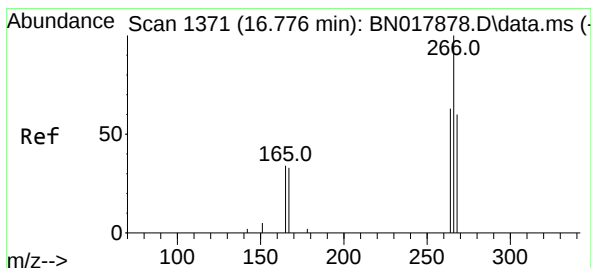
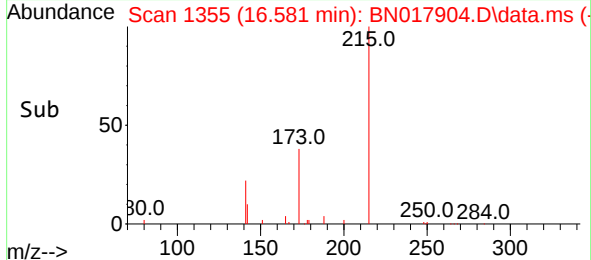
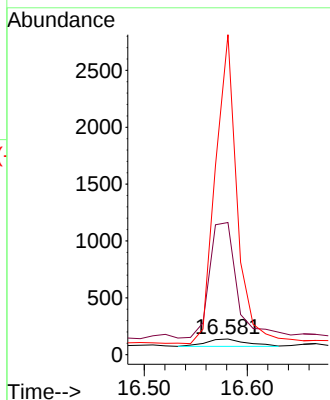
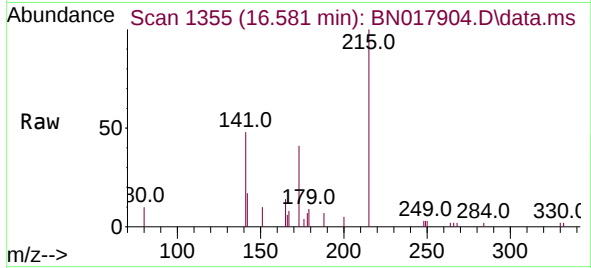




#23
 Atrazine
 Concen: 0.094 ng
 RT: 16.581 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

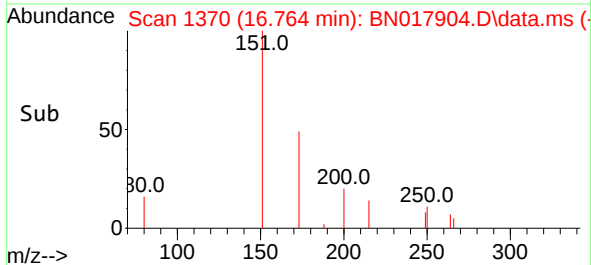
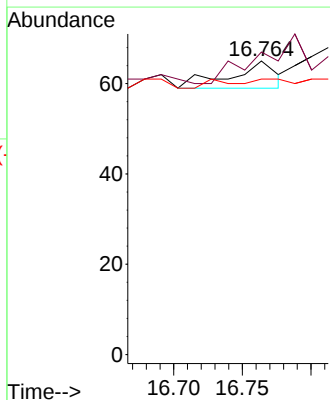
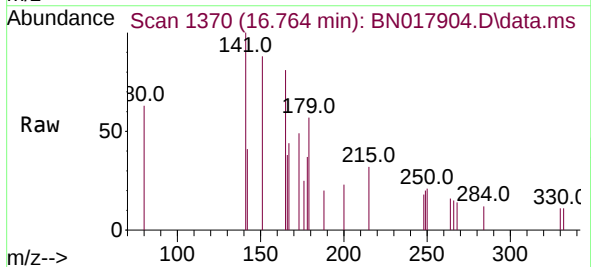
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201DL

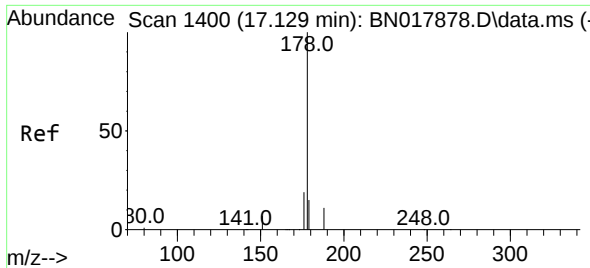
Tgt Ion:200 Resp: 180
 Ion Ratio Lower Upper
 200 100
 173 842.8 18.2 27.2#
 215 2039.1 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.088 ng
 RT: 16.764 min Scan# 1370
 Delta R.T. -0.012 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

Tgt Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 0.0 53.7 80.5#

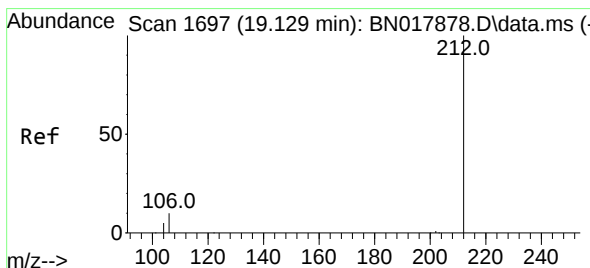
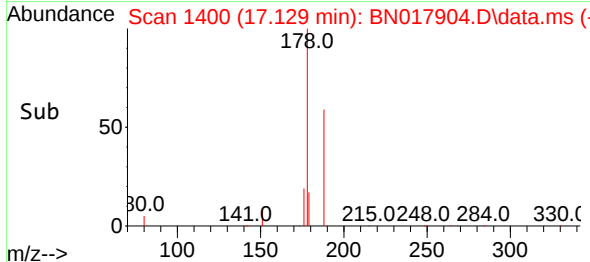
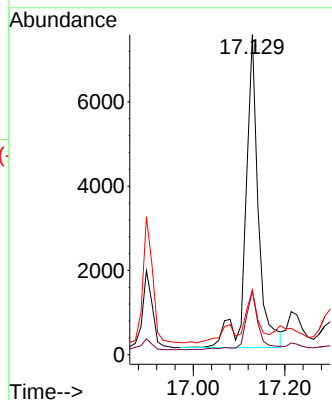
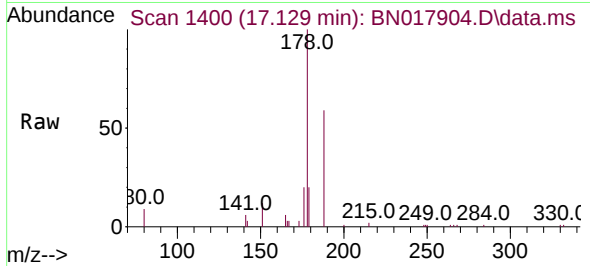




#25
Phenanthrene
Concen: 0.039 ng
RT: 17.129 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

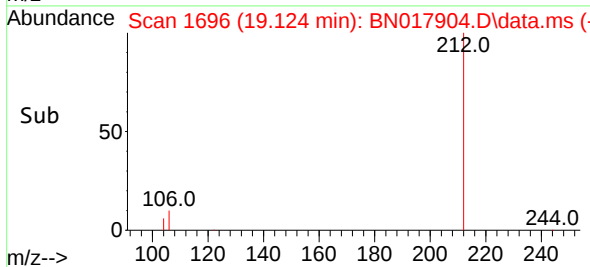
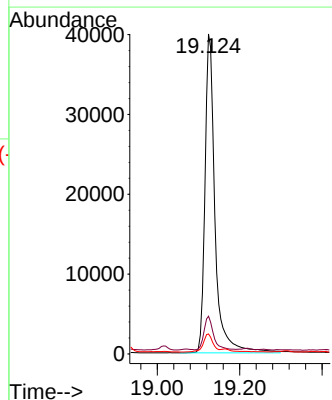
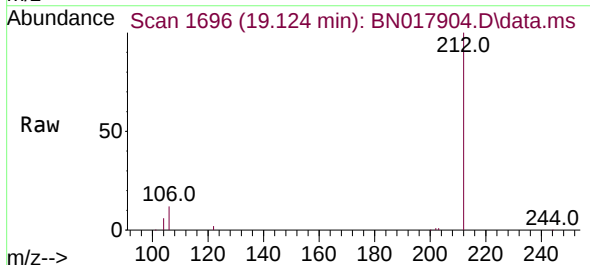
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

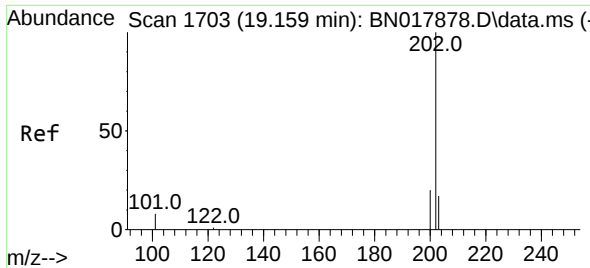
Tgt Ion:178	Resp:	14196
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.0 22.6
179	13.0	12.4 18.6



#27
Fluoranthene-d10
Concen: 0.148 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:212	Resp:	67753
Ion Ratio	Lower	Upper
212	100	
106	10.1	8.3 12.5
104	5.5	4.6 6.8

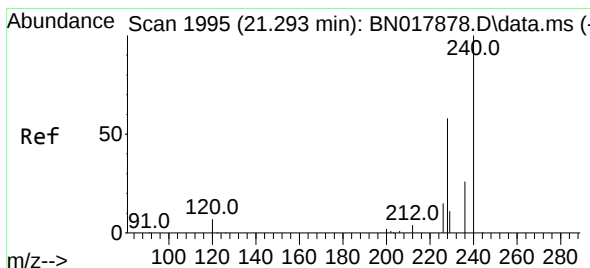
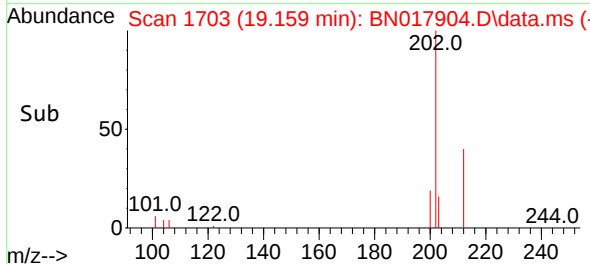
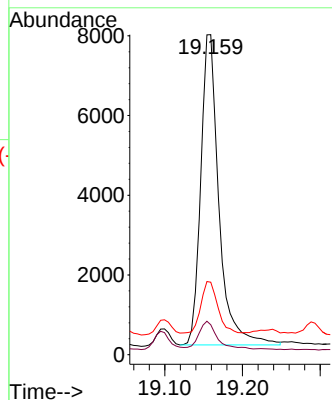
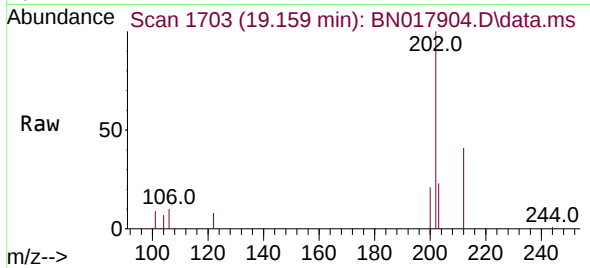




#28
Fluoranthene
Concen: 0.029 ng
RT: 19.159 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

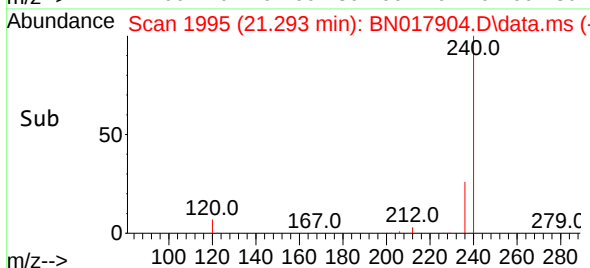
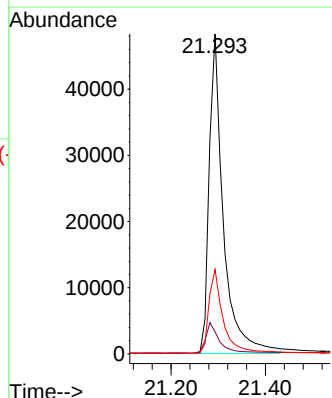
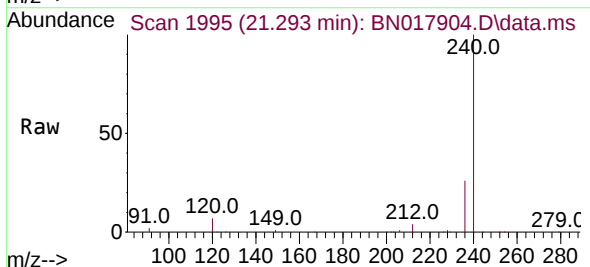
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

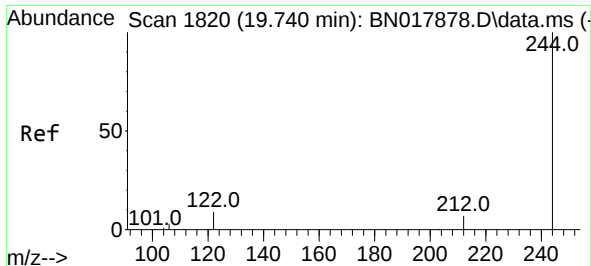
Tgt Ion:202 Resp: 12713
Ion Ratio Lower Upper
202 100
101 8.8 7.3 10.9
203 16.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:240 Resp: 100597
Ion Ratio Lower Upper
240 100
120 6.9 5.8 8.8
236 26.4 21.0 31.6

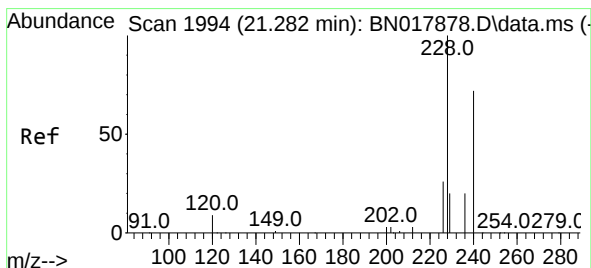
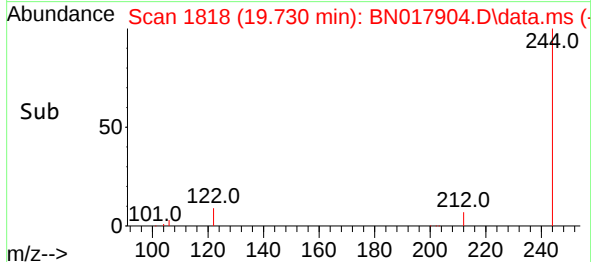
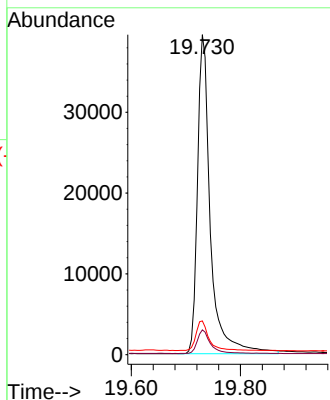
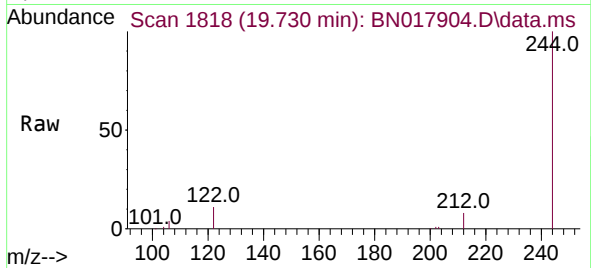




#31
Terphenyl-d14
Concen: 0.262 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

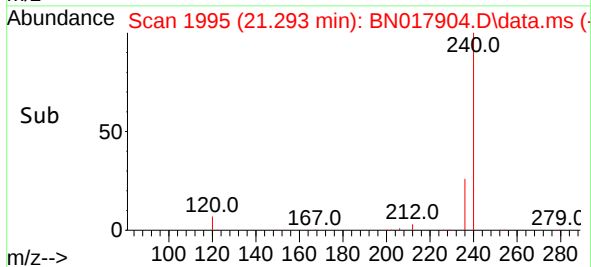
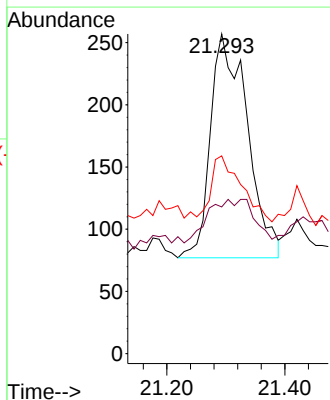
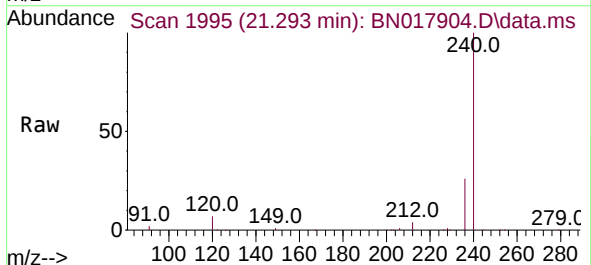
Instrument :
BNA_N
ClientSampleId :
RE120D1-20211201DL

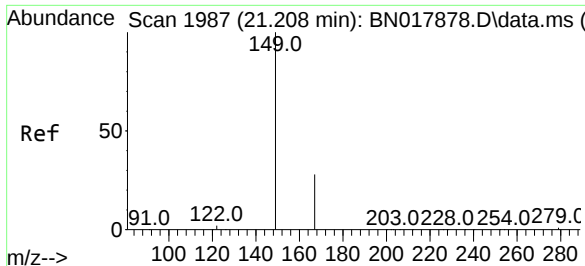
Tgt Ion:244 Resp: 64910
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.6 7.5 11.3



#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.011 min
Lab File: BN017904.D
Acq: 11 Dec 2021 13:32

Tgt Ion:228 Resp: 781
Ion Ratio Lower Upper
228 100
226 45.9 21.0 31.4#
229 61.9 15.8 23.8#

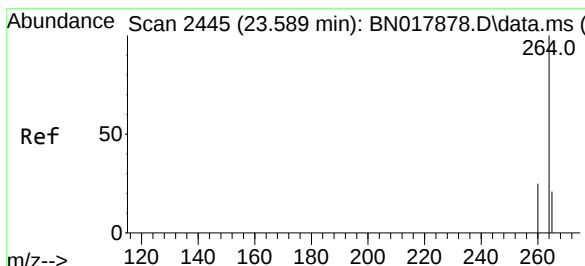
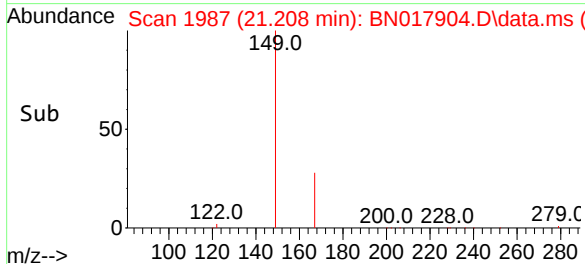
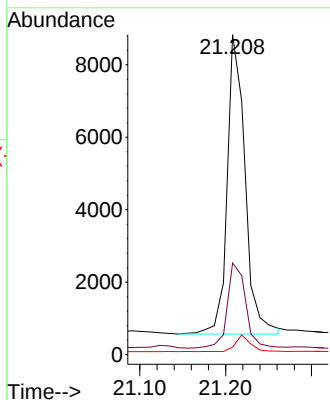
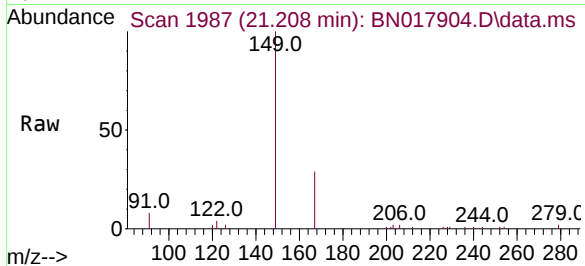




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

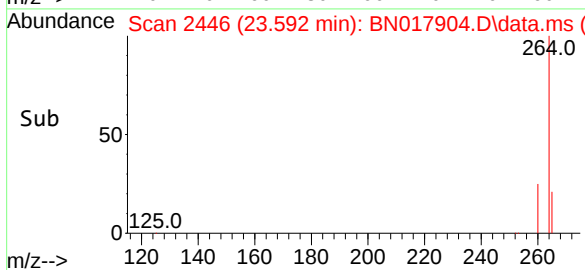
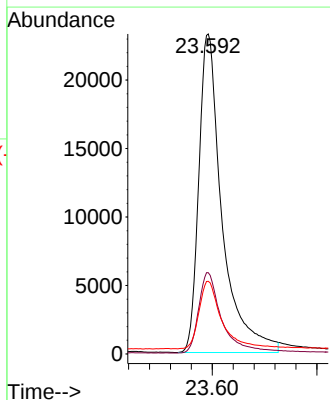
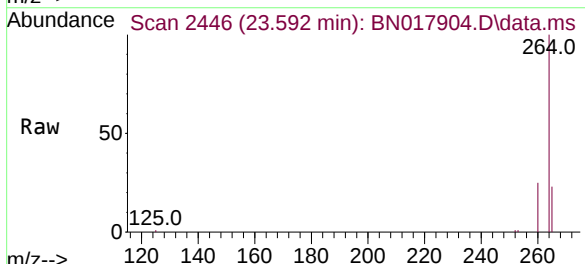
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201DL

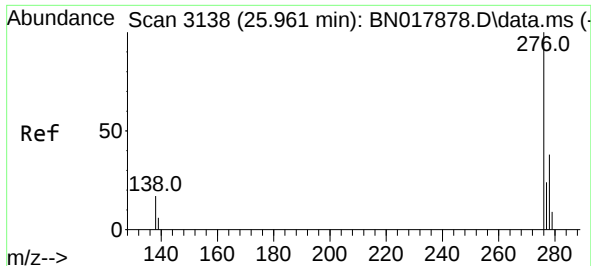
Tgt Ion:	149	Resp:	11916
Ion Ratio	Lower	Upper	
149	100		
167	29.3	23.4	35.0
279	4.6	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

Tgt Ion:	264	Resp:	72092
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.2	30.4
265	22.7	18.2	27.4

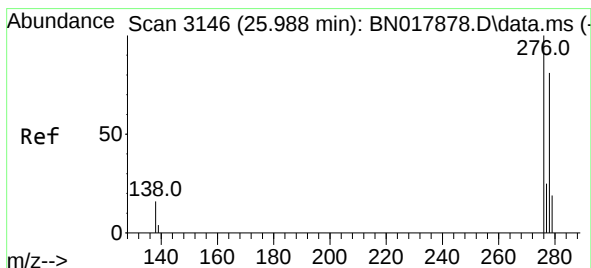
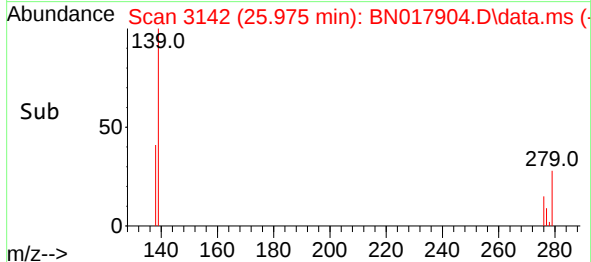
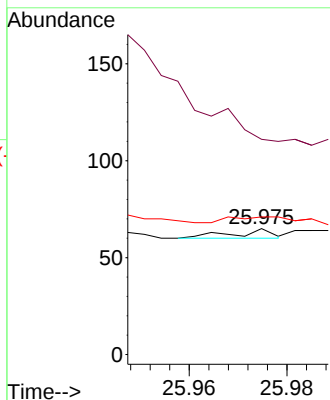
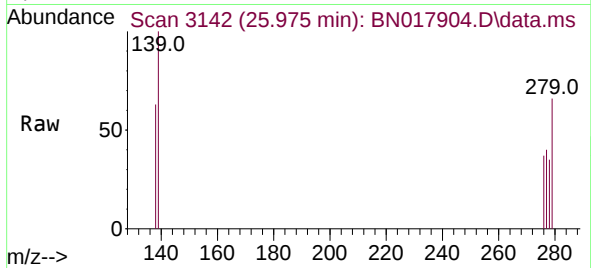




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.975 min Scan# 3138
 Delta R.T. 0.014 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20211201DL

Tgt Ion:276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 266.7 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.985 min Scan# 3145
 Delta R.T. -0.003 min
 Lab File: BN017904.D
 Acq: 11 Dec 2021 13:32

Tgt Ion:278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 234.4 12.0 18.0#
 279 173.4 20.8 31.2#

