

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016474.D
 Acq On : 25 Sep 2021 14:30
 Operator : CG/JU
 Sample : M3782-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:14:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

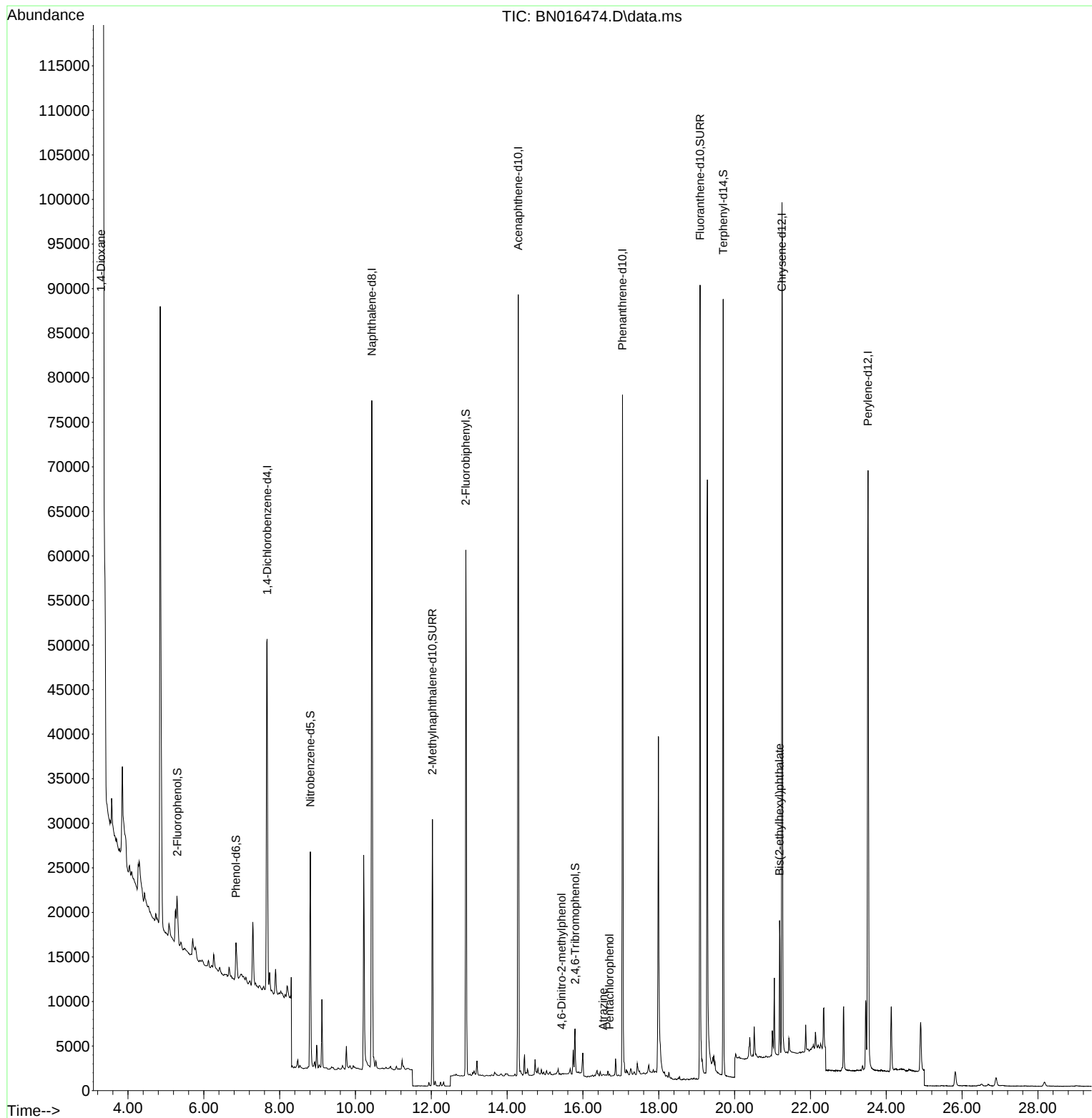
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22357	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	96551	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	48827	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	99421	0.400	ng	0.00
29) Chrysene-d12	21.248	240	98376	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	90198	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	5857	0.117	ng	0.02
5) Phenol-d6	6.849	99	3898	0.066	ng	0.00
8) Nitrobenzene-d5	8.809	82	18975	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	39681	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3777	0.332	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	53692	0.262	ng	-0.01
27) Fluoranthene-d10	19.087	212	100894	0.370	ng	0.00
31) Terphenyl-d14	19.698	244	86104	0.376	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	95462	9.963	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.436	198	3	0.148	ng	# 1
23) Atrazine	16.530	200	84	0.137	ng	# 5
24) Pentachlorophenol	16.701	266	85	0.247	ng	97
34) Bis(2-ethylhexyl)phtha...	21.185	149	15153	0.195	ng	97

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

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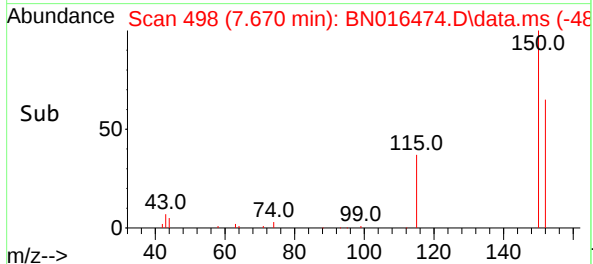
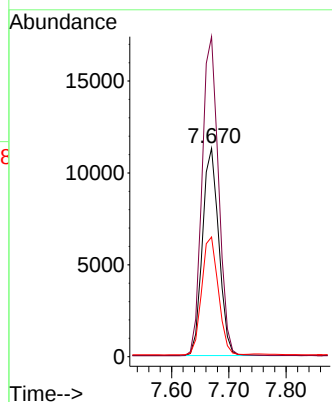
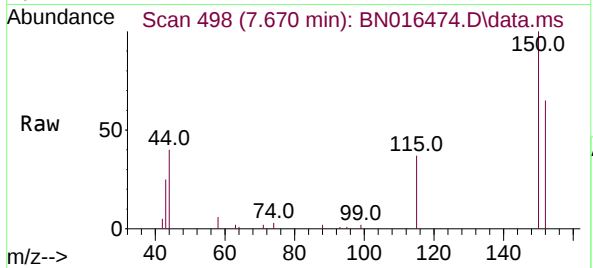




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016474.D
 Acq: 25 Sep 2021 14:30

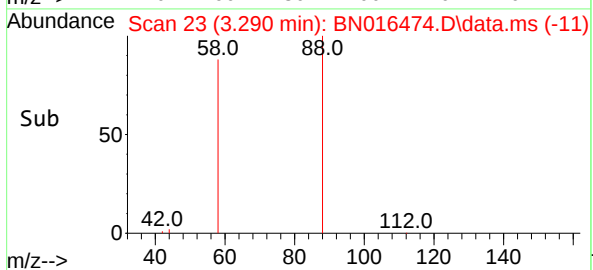
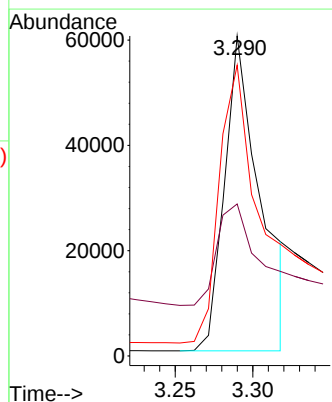
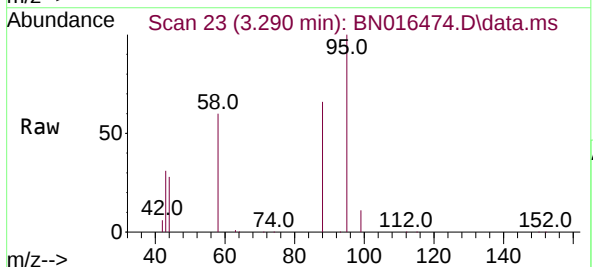
Instrument :
 BNA_N
 ClientSampled :

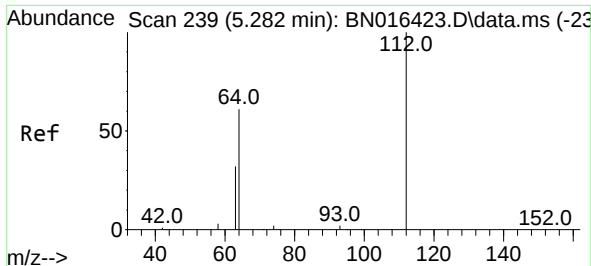
Tgt Ion:152 Resp: 22357
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.6 188.4
 115 57.5 50.2 75.2



#2
 1,4-Dioxane
 Concen: 9.963 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016474.D
 Acq: 25 Sep 2021 14:30

Tgt Ion: 88 Resp: 95462
 Ion Ratio Lower Upper
 88 100
 43 36.8 20.3 30.5#
 58 96.5 69.9 104.9

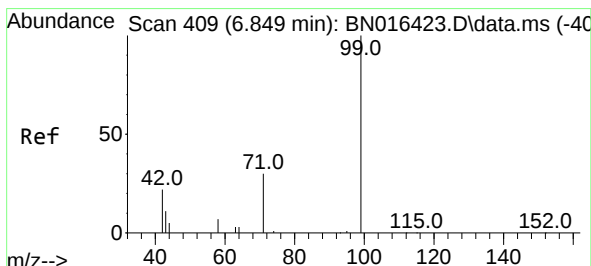
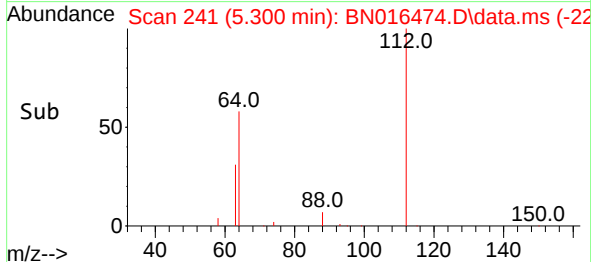
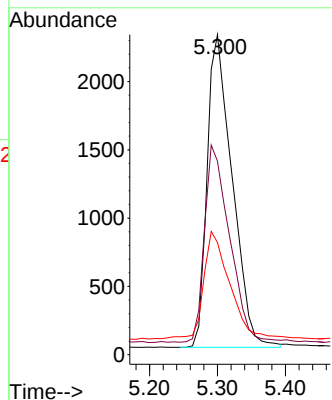
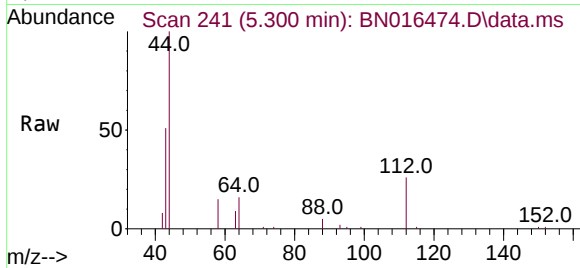




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

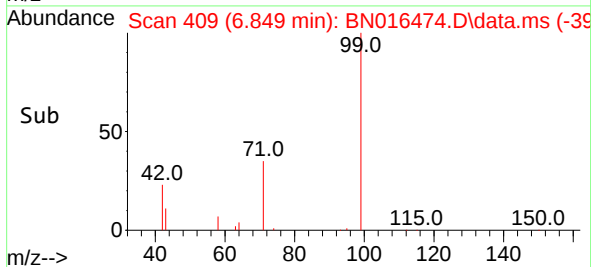
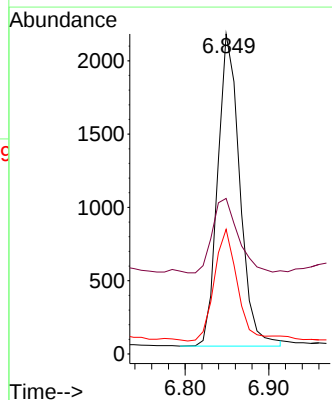
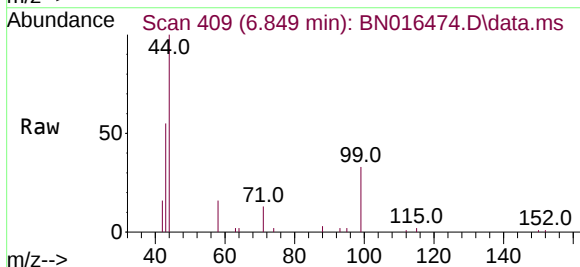
Instrument :
BNA_N
ClientSampleId :

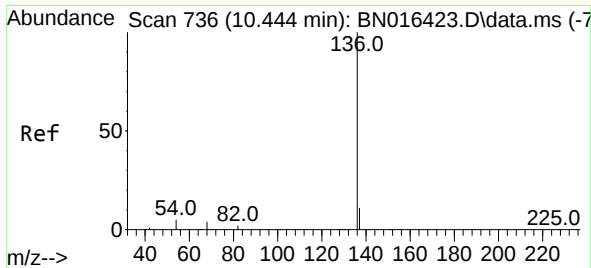
Tgt Ion:112 Resp: 5857
Ion Ratio Lower Upper
112 100
64 63.0 47.3 70.9
63 35.8 23.4 35.0#



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion: 99 Resp: 3898
Ion Ratio Lower Upper
99 100
42 27.8 14.0 21.0#
71 37.5 23.8 35.6#

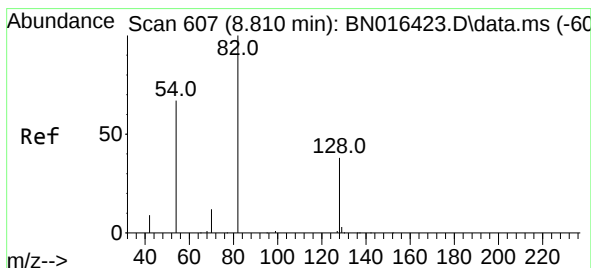
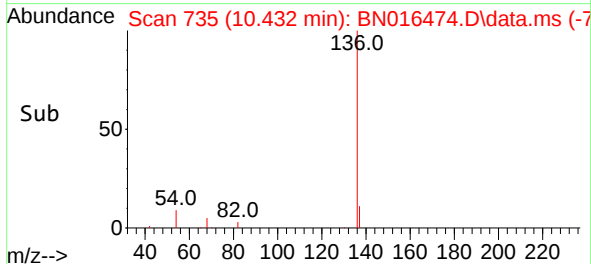
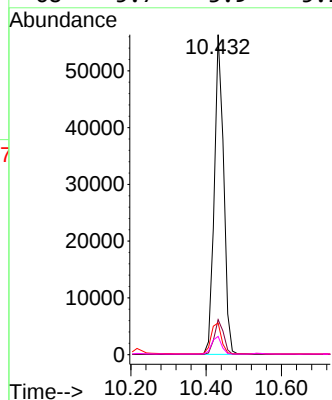
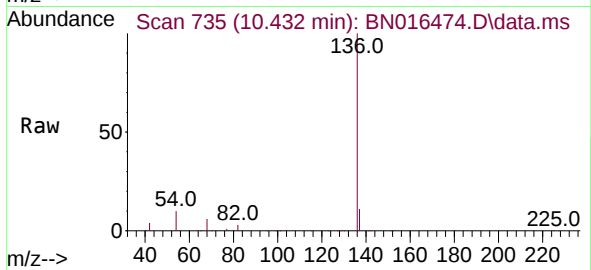




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

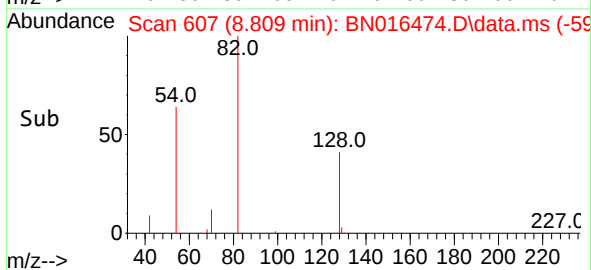
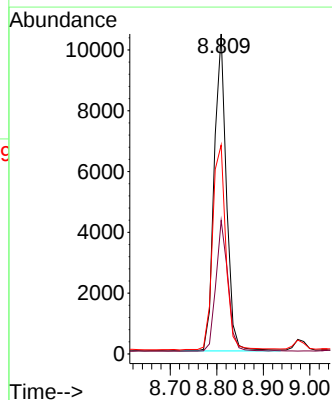
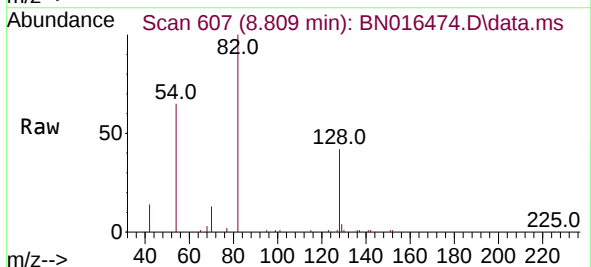
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	96551
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.9	5.3	7.9#
68	5.7	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion:	82	Resp:	18975
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.7	47.5
54	65.3	46.4	69.6

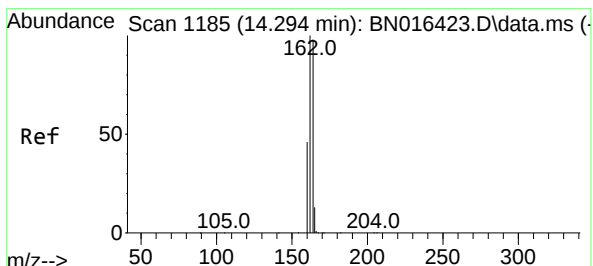
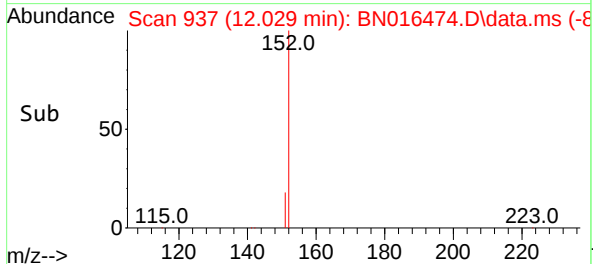
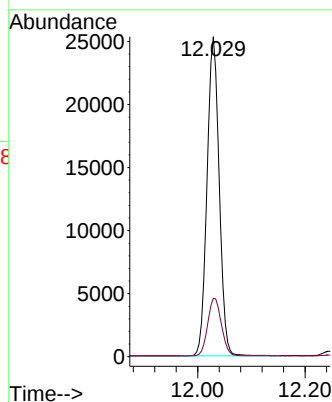
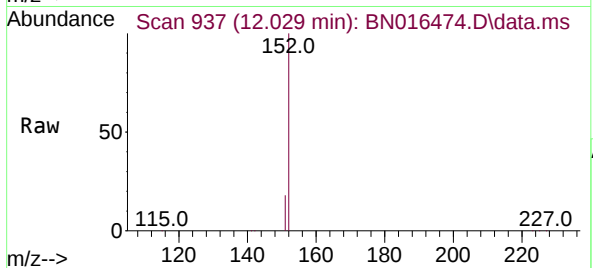




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

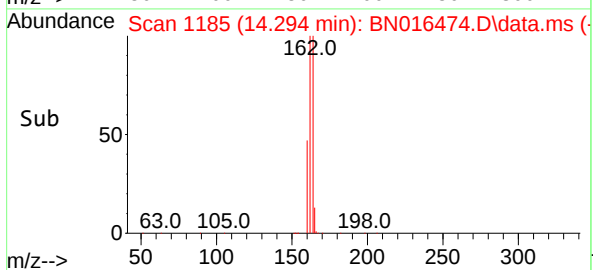
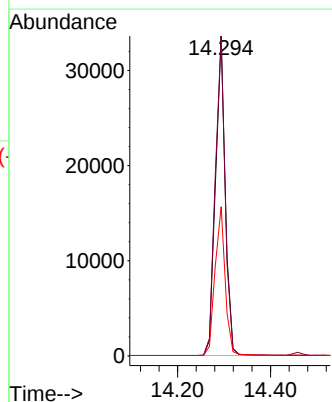
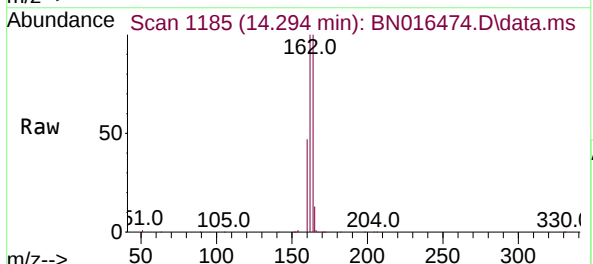
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 39681
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion:164 Resp: 48827
Ion Ratio Lower Upper
164 100
162 99.8 79.0 118.4
160 46.6 34.1 51.1

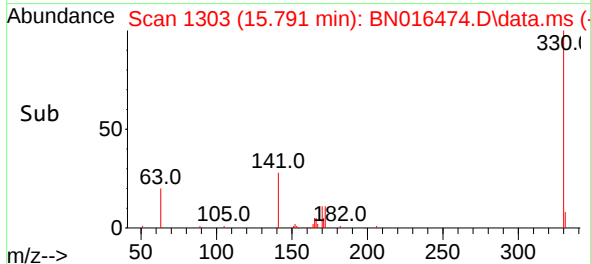
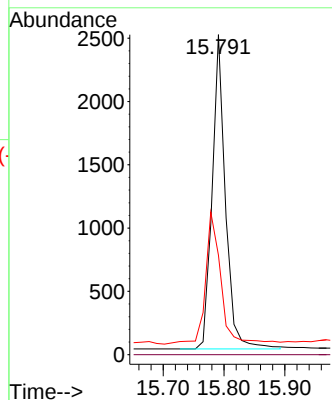
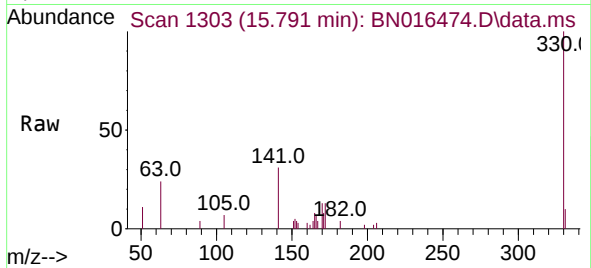




#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

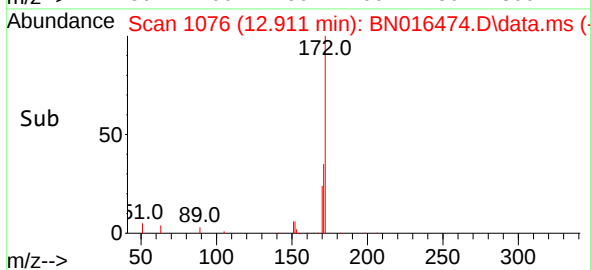
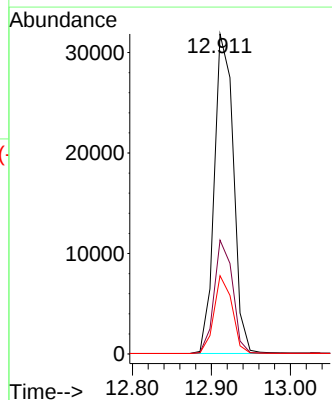
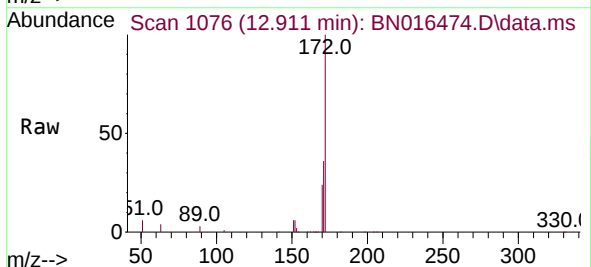
Instrument :
BNA_N
ClientSampleId :

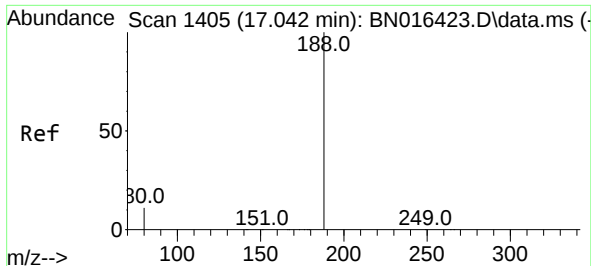
Tgt Ion:330 Resp: 3777
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion:172 Resp: 53692
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 24.4 18.2 27.2

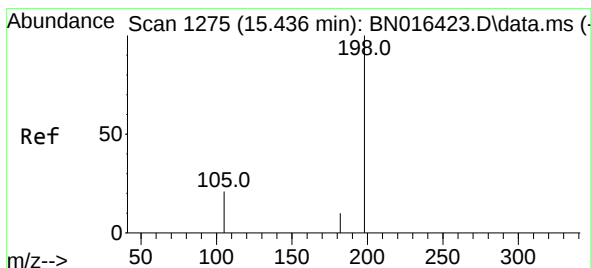
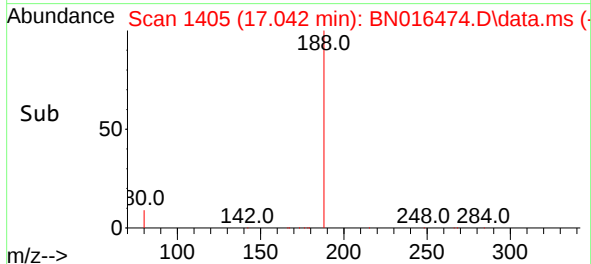
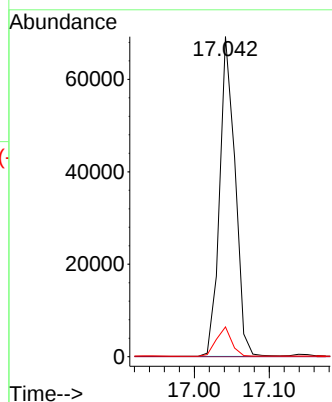
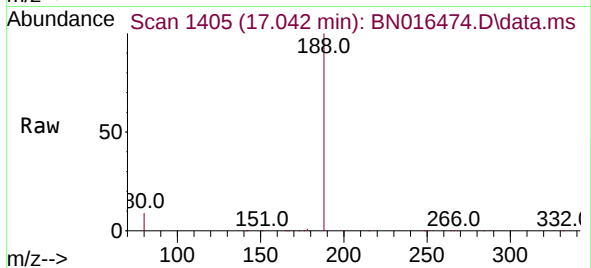




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

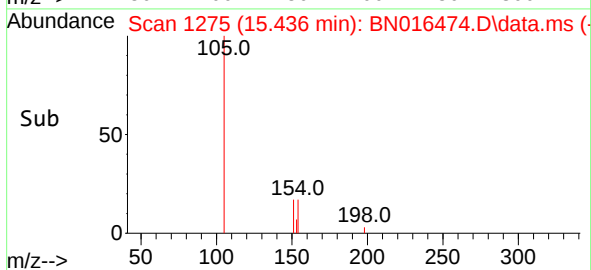
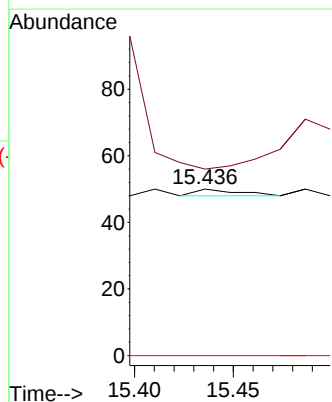
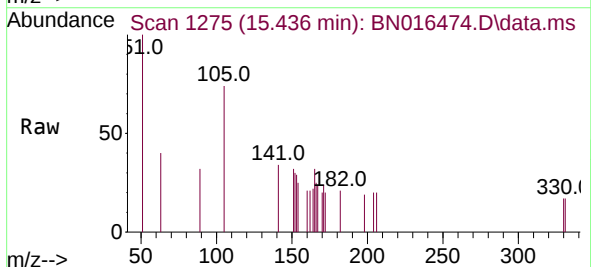
Instrument :
BNA_N
ClientSampleId :

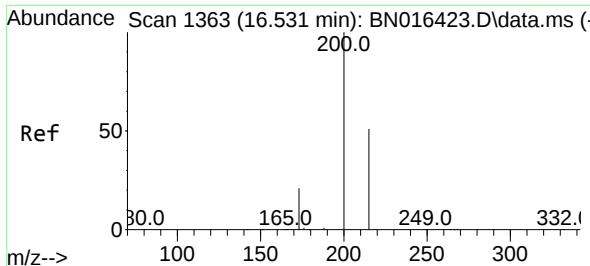
Tgt Ion:188	Resp:	99421
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.3	7.0
		10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
182	112.0	26.6
77	0.0	0.0
		39.8#

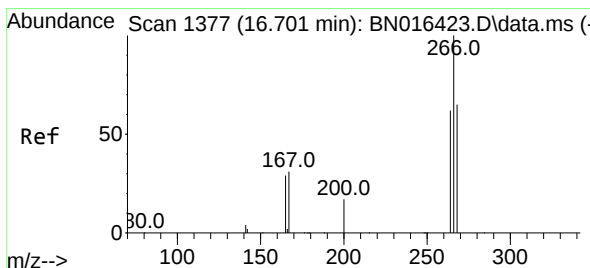
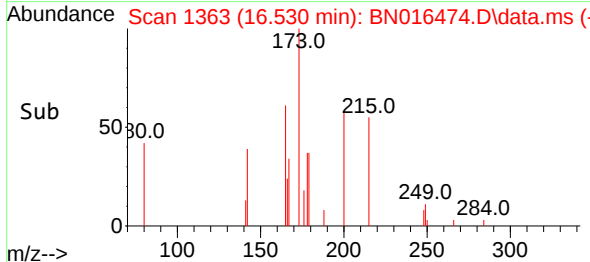
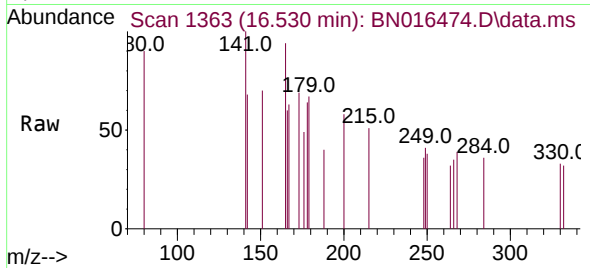




#23
Atrazine
Concen: 0.137 ng
RT: 16.530 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

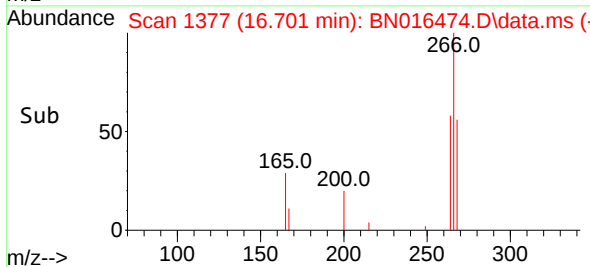
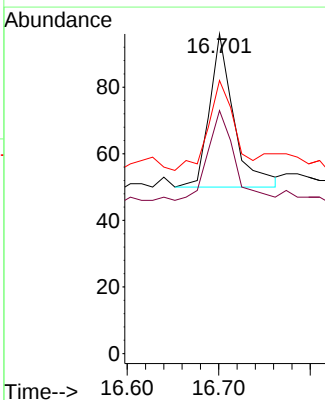
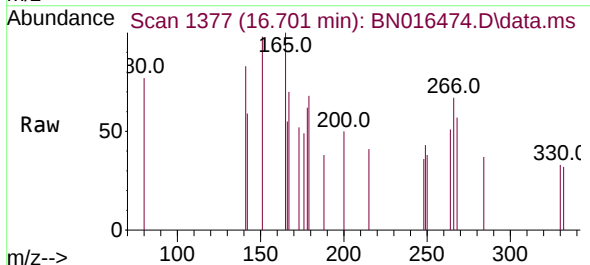
Instrument :
BNA_N
ClientSampleId :

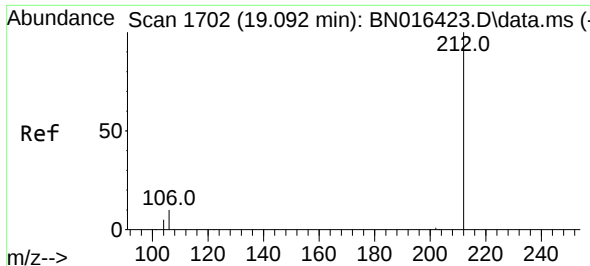
Tgt Ion:200 Resp: 84
Ion Ratio Lower Upper
200 100
173 119.0 18.7 28.1#
215 86.9 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 64.7 50.6 75.8
268 62.4 52.6 79.0

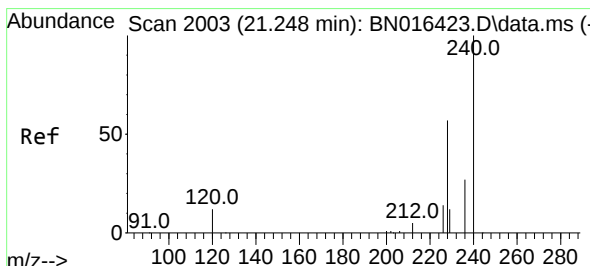
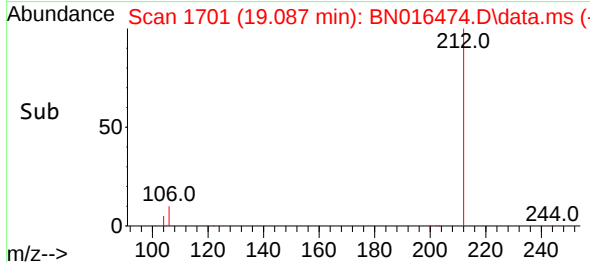
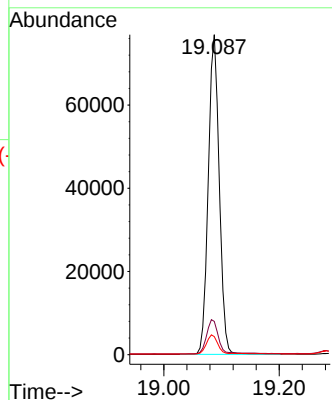
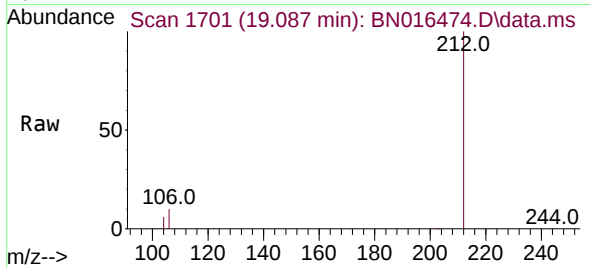




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

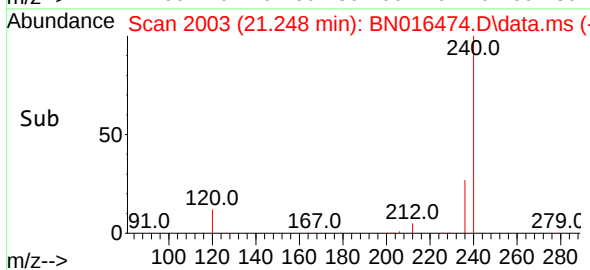
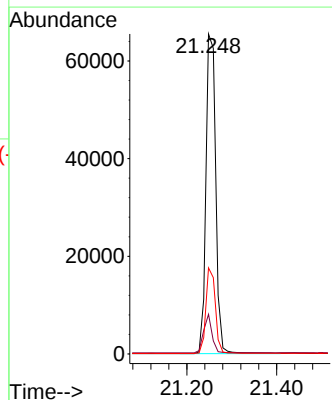
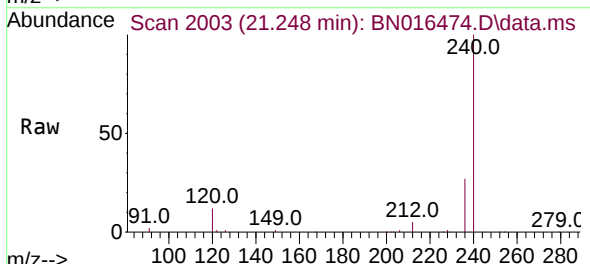
Instrument :
BNA_N
ClientSampleId :

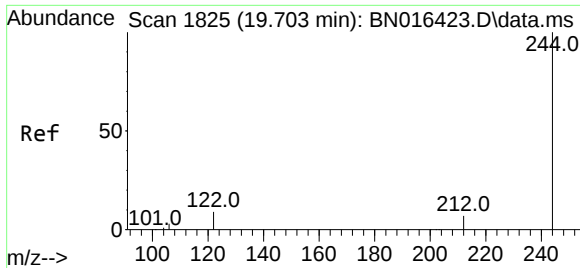
Tgt Ion:212 Resp: 100894
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.7 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016474.D
Acq: 25 Sep 2021 14:30

Tgt Ion:240 Resp: 98376
Ion Ratio Lower Upper
240 100
120 12.4 5.3 7.9#
236 26.9 19.8 29.8

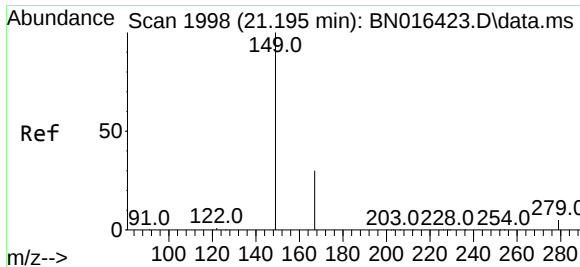
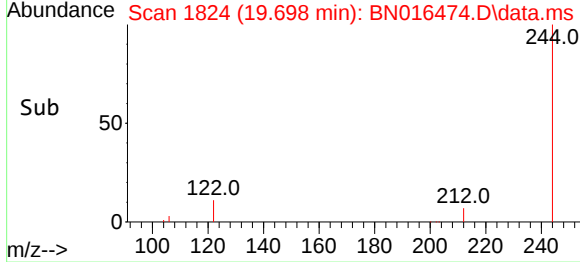
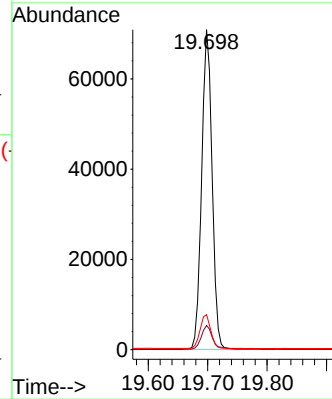
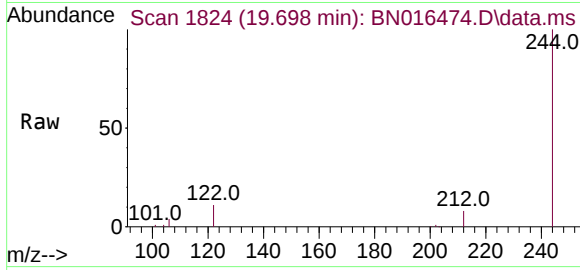




#31
 Terphenyl-d14
 Concen: 0.376 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016474.D
 Acq: 25 Sep 2021 14:30

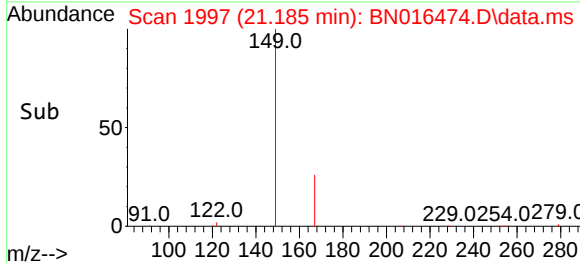
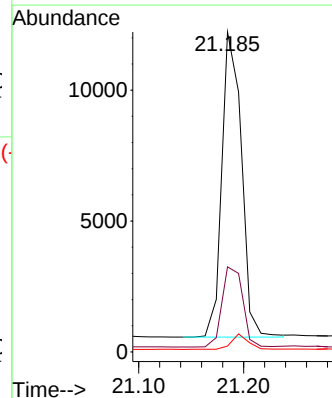
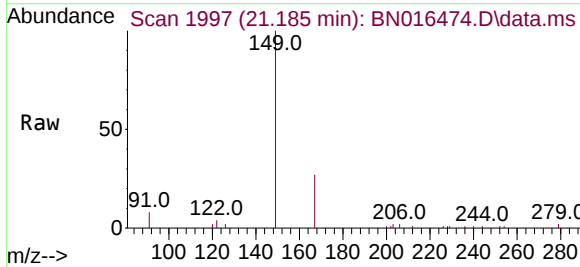
Instrument :
 BNA_N
 ClientSampleId :

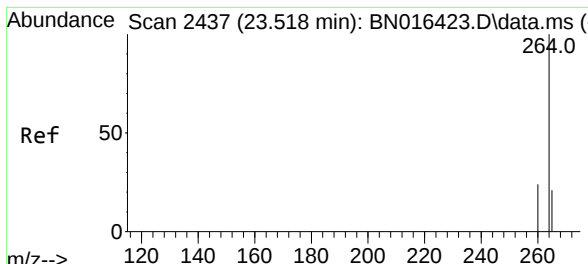
Tgt Ion:244	Resp:	86104
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.5 8.3
122	11.0	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.195 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.011 min
 Lab File: BN016474.D
 Acq: 25 Sep 2021 14:30

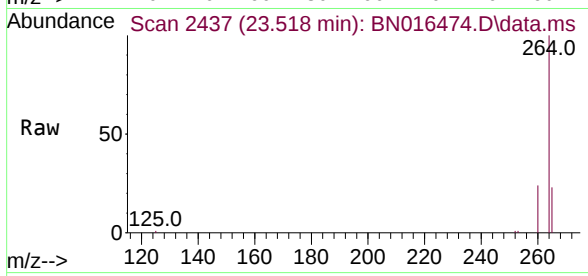
Tgt Ion:149	Resp:	15153
Ion Ratio	Lower	Upper
149	100	
167	27.7	23.4 35.0
279	4.3	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016474.D
 Acq: 25 Sep 2021 14:30

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264	Resp:	90198
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.9 28.3
265	23.4	23.7 35.5#

