

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016487.D
 Acq On : 25 Sep 2021 23:36
 Operator : CG/JU
 Sample : PB139372BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139372BL

Quant Time: Sep 26 04:16:30 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)

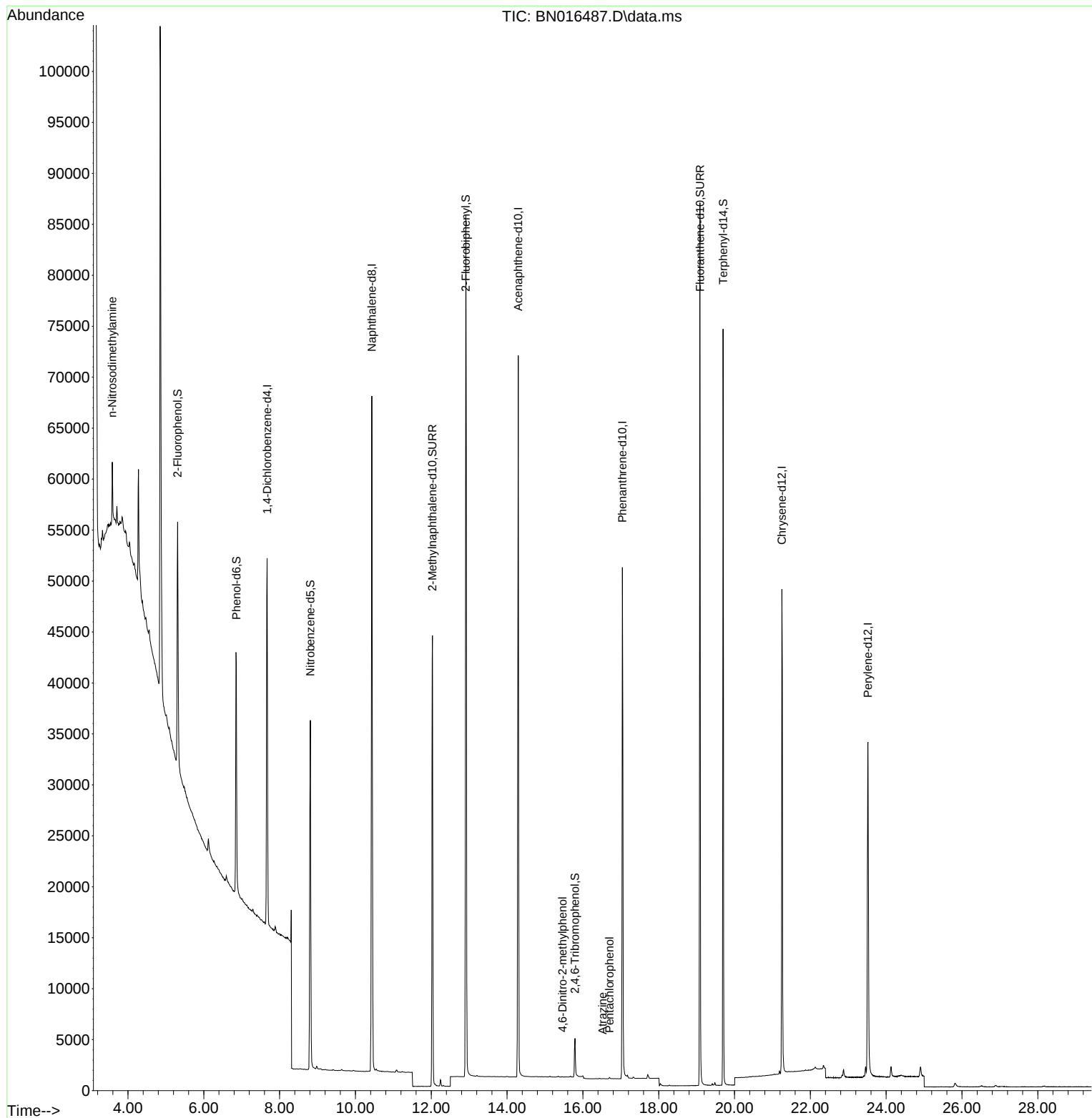
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	20444	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	84939	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	38917	0.400	ng	# 0.00
19) Phenanthrene-d10	17.042	188	72017	0.400	ng	0.00
29) Chrysene-d12	21.248	240	50141	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	46768	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	21819	0.476	ng	0.03
5) Phenol-d6	6.858	99	22944	0.424	ng	0.00
8) Nitrobenzene-d5	8.809	82	26649	0.443	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	60049	0.477	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3022	0.333	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	76919	0.471	ng	-0.01
27) Fluoranthene-d10	19.087	212	98012	0.496	ng	0.00
31) Terphenyl-d14	19.698	244	71319	0.612	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.585	42	505	0.024	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.461	198	4	0.148	ng	# 1
23) Atrazine	16.518	200	11	0.135	ng	# 13
24) Pentachlorophenol	16.701	266	95	0.249	ng	# 75

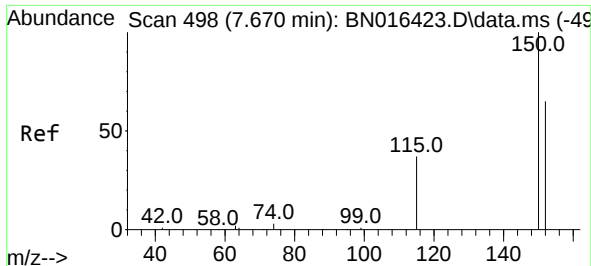
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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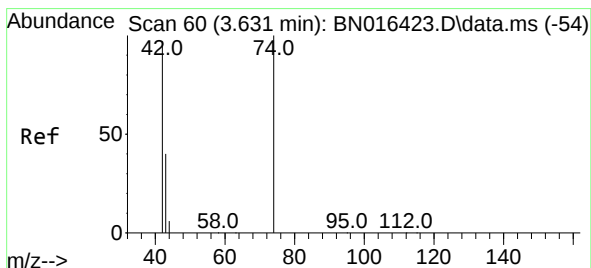
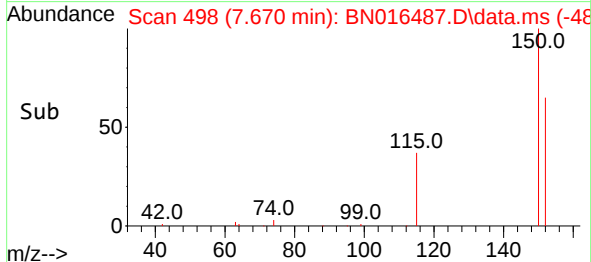
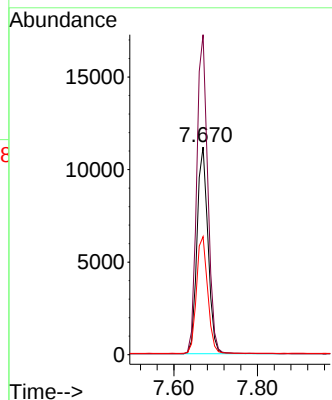
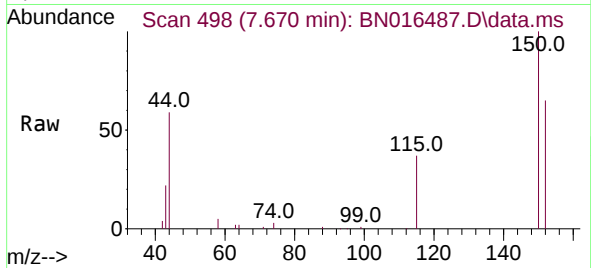




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

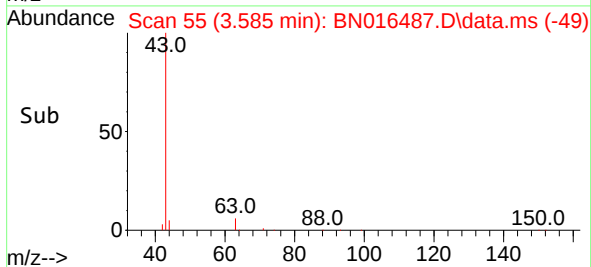
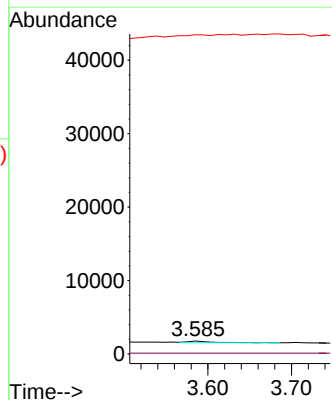
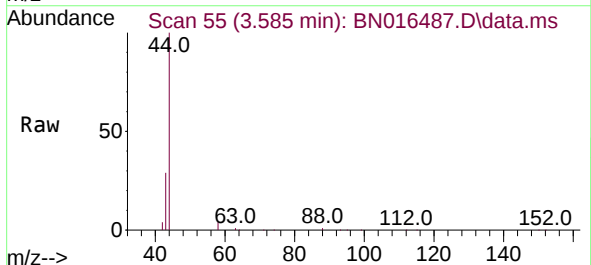
Instrument :
BNA_N
ClientSampleId :
PB139372BL

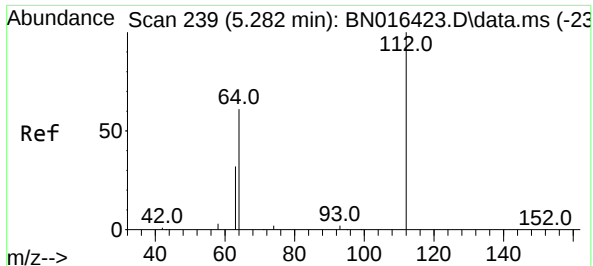
Tgt Ion:152 Resp: 20444
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 56.9 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.585 min Scan# 55
Delta R.T. -0.046 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

Tgt Ion: 42 Resp: 505
Ion Ratio Lower Upper
42 100
74 5.3 113.6 170.4#
44 140.2 0.0 0.0#

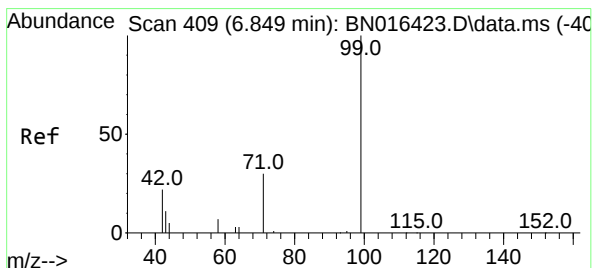
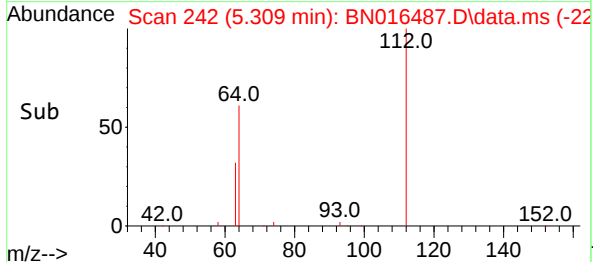
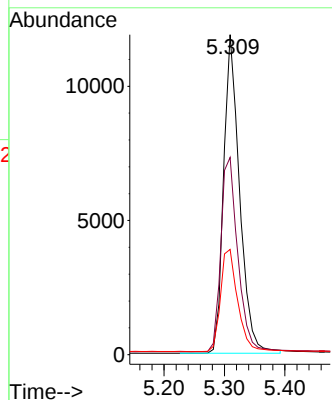
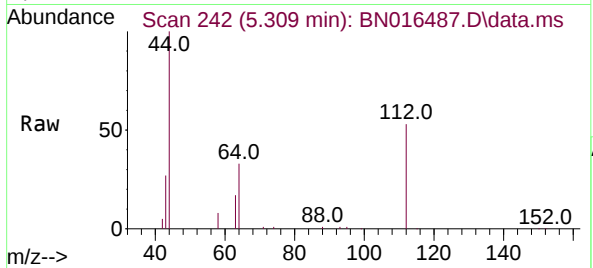




#4
2-Fluorophenol
Concen: 0.476 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

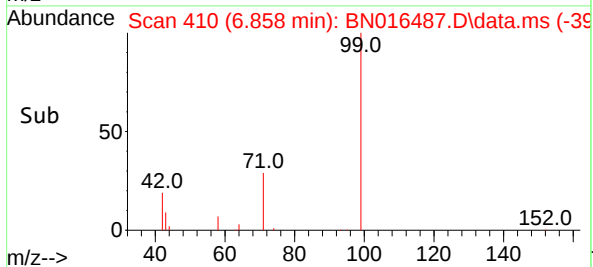
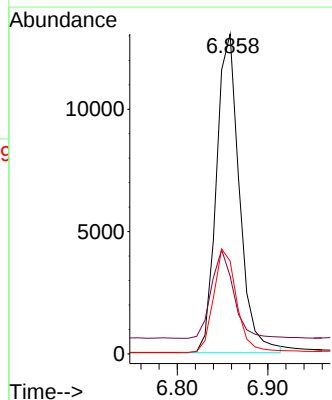
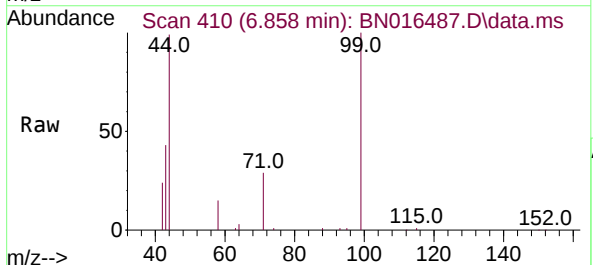
Instrument :
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ClientSampleId :
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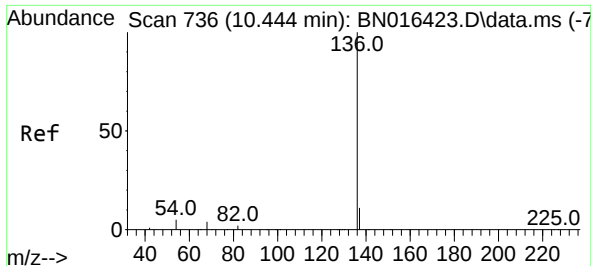
Tgt Ion:112 Resp: 21819
Ion Ratio Lower Upper
112 100
64 64.6 47.3 70.9
63 34.4 23.4 35.0



#5
Phenol-d6
Concen: 0.424 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

Tgt Ion: 99 Resp: 22944
Ion Ratio Lower Upper
99 100
42 26.9 14.0 21.0#
71 32.4 23.8 35.6

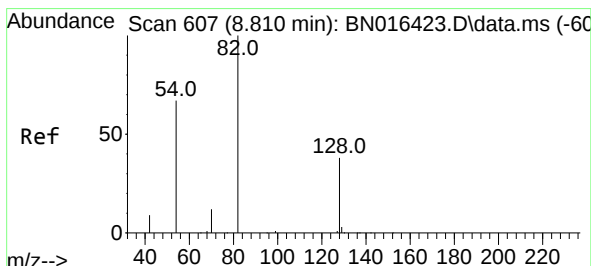
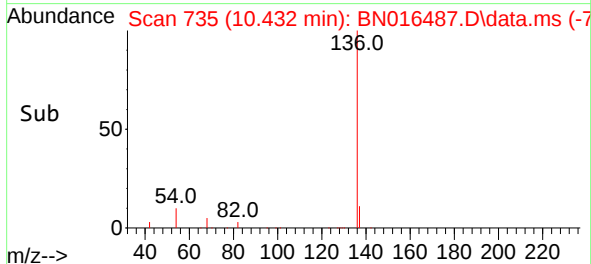
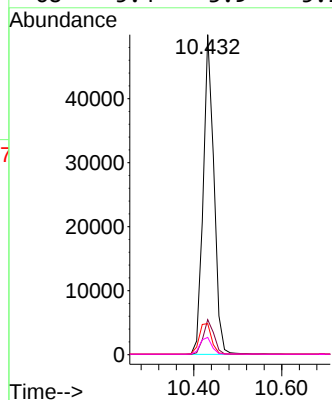
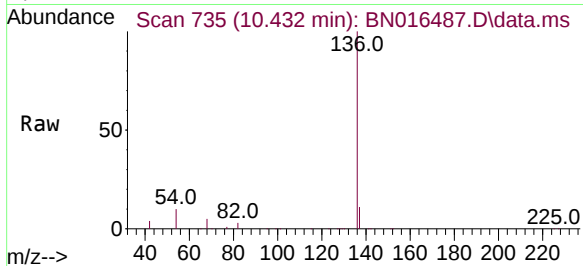




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

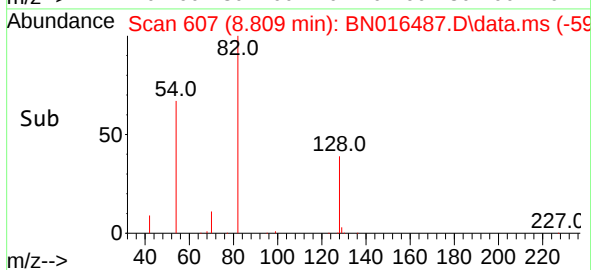
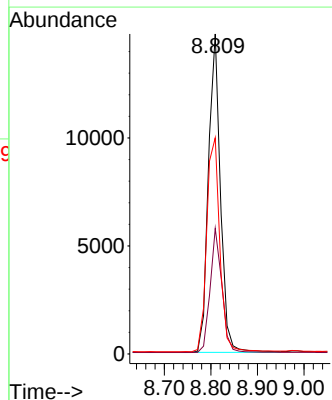
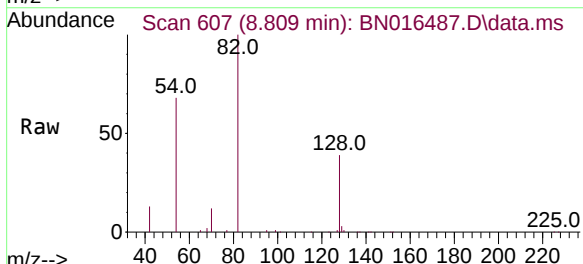
Instrument :
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ClientSampleId :
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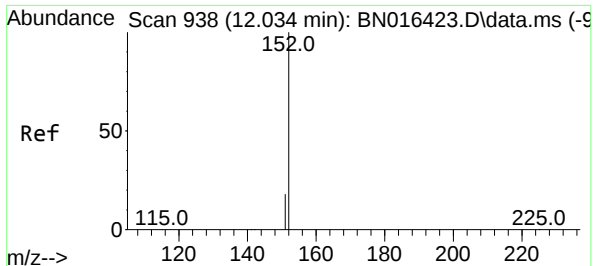
Tgt Ion:	136	Resp:	84939
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.7	5.3	7.9#
68	5.4	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.443 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

Tgt Ion:	82	Resp:	26649
Ion Ratio	Lower	Upper	
82	100		
128	39.3	31.7	47.5
54	67.5	46.4	69.6

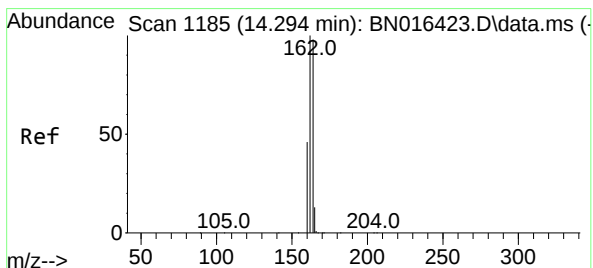
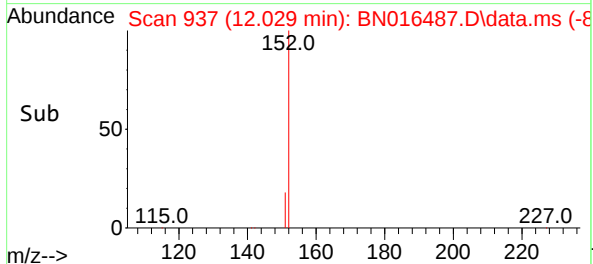
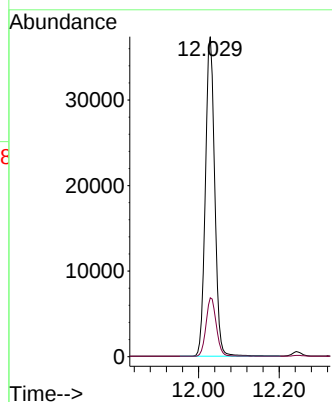
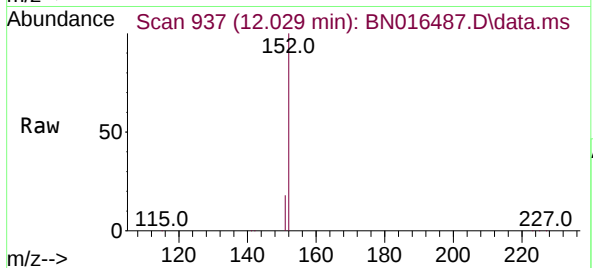




#11
2-Methylnaphthalene-d10
Concen: 0.477 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

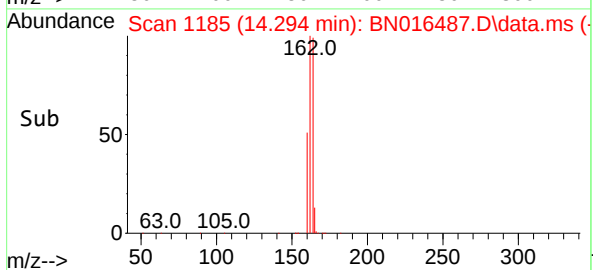
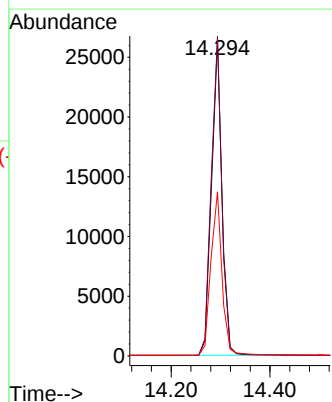
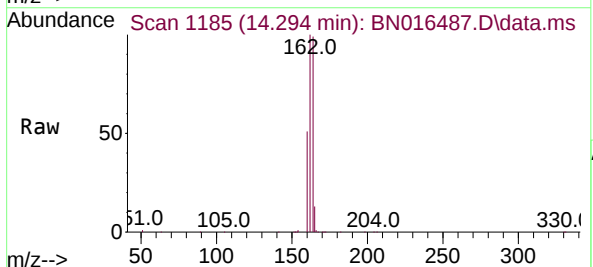
Instrument :
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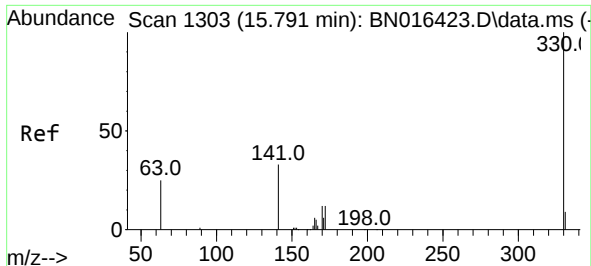
Tgt Ion:152 Resp: 60049
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

Tgt Ion:164 Resp: 38917
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.4
160 51.9 34.1 51.1#

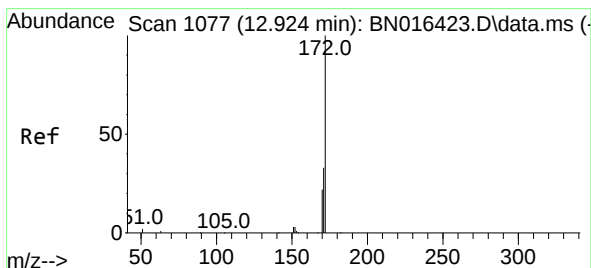
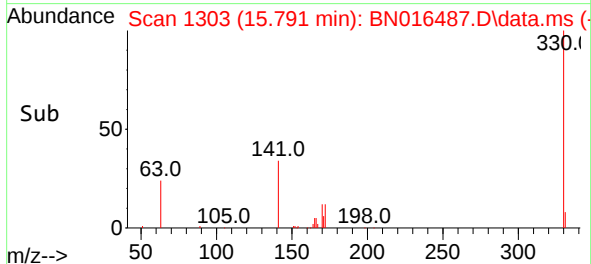
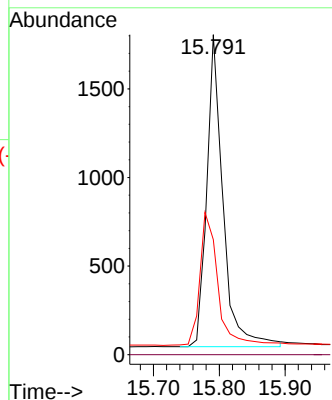
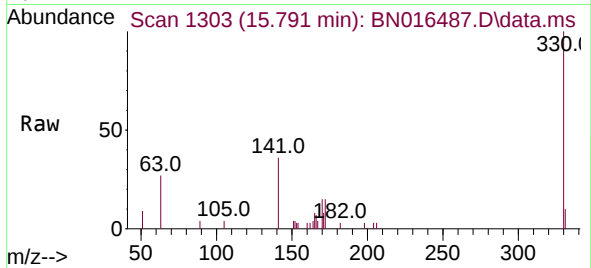




#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

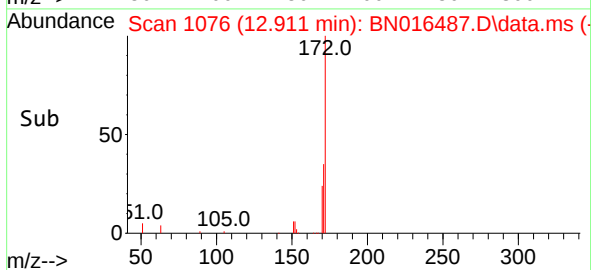
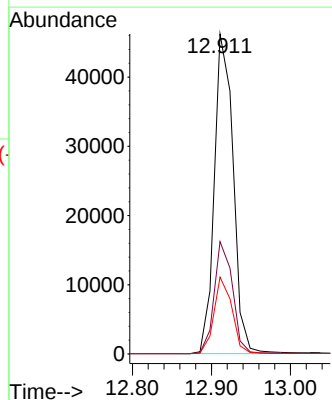
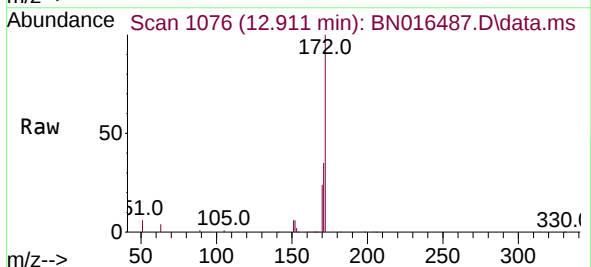
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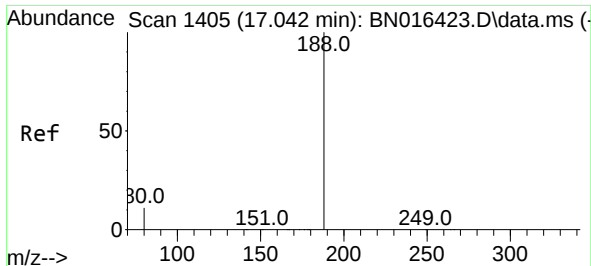
Tgt Ion:330 Resp: 3022
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.0 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

Tgt Ion:172 Resp: 76919
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 24.0 18.2 27.2

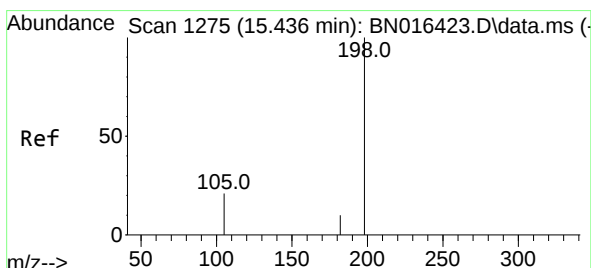
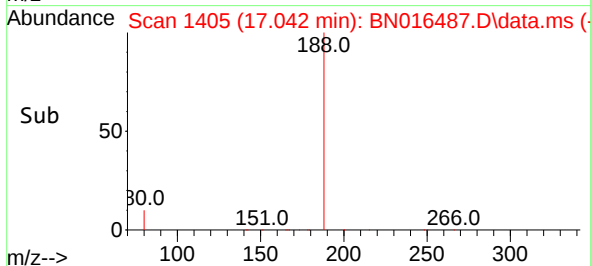
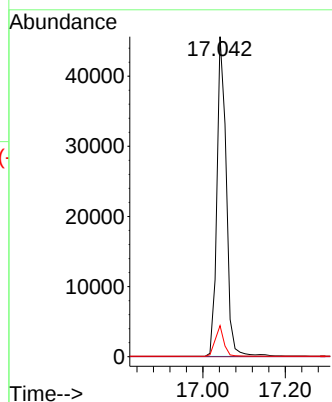
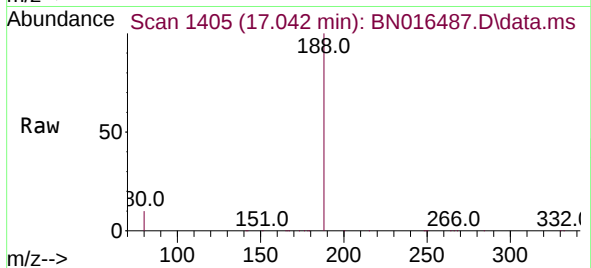




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

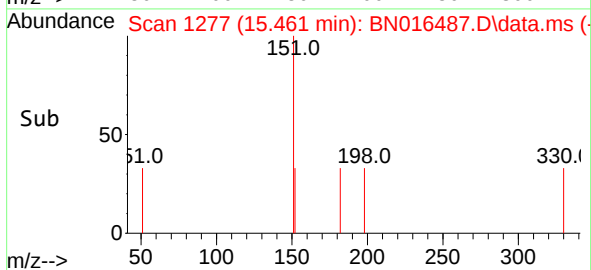
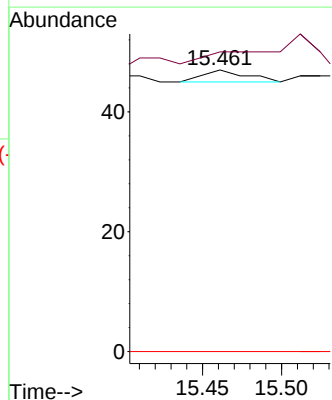
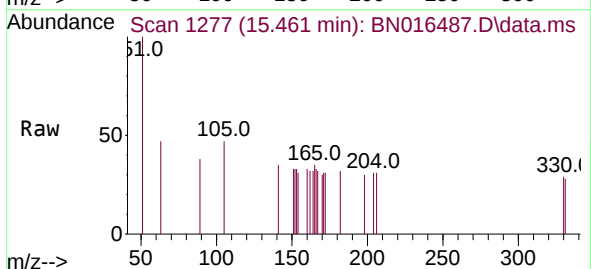
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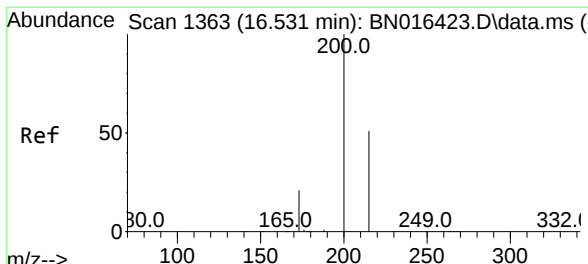
Tgt Ion:188	Resp:	72017
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.7	7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.025 min
Lab File: BN016487.D
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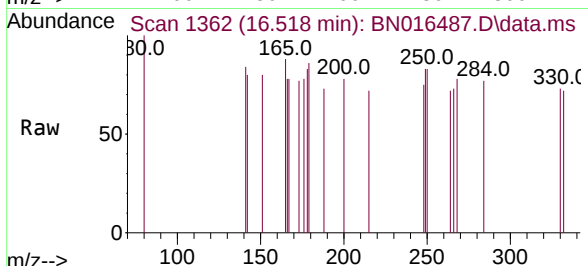
Tgt Ion:198	Resp:	4
Ion Ratio	Lower	Upper
198	100	
182	106.4	26.6 39.8#
77	0.0	0.0 0.0



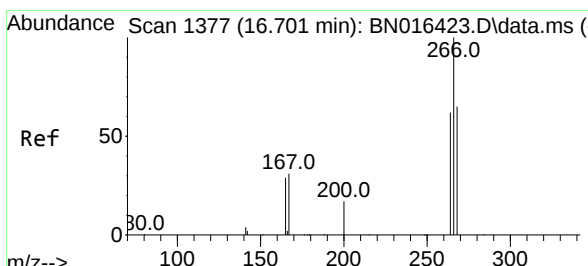
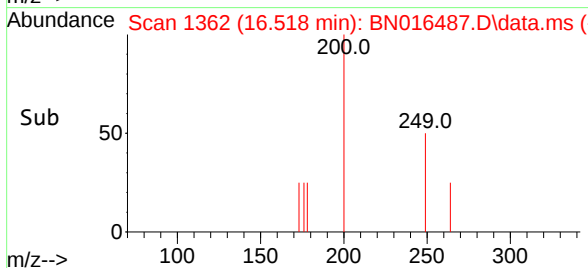
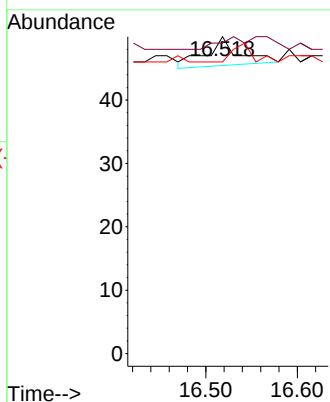


#23
 Atrazine
 Concen: 0.135 ng
 RT: 16.518 min Scan# 1362
 Delta R.T. -0.013 min
 Lab File: BN016487.D
 Acq: 25 Sep 2021 23:36

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 ClientSampleId :
 PB139372BL

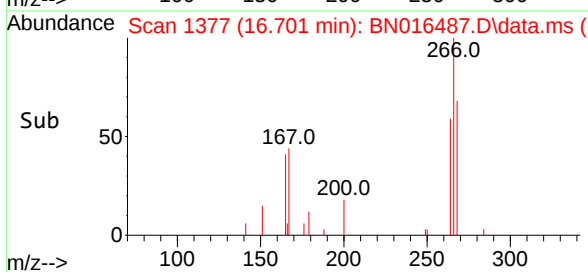
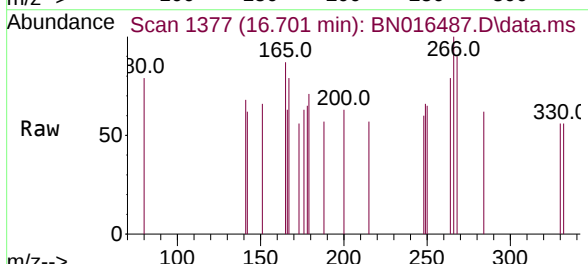
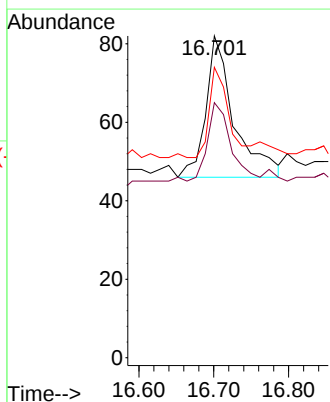


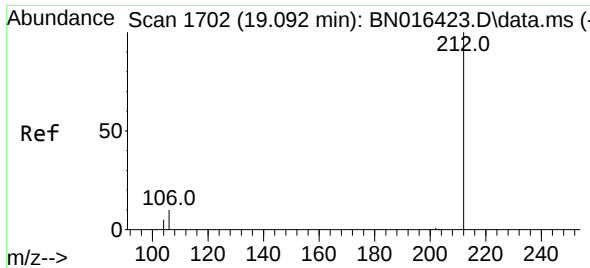
Tgt Ion:	200	Resp:	11
Ion Ratio	Lower	Upper	
200	100		
173	98.0	18.7	28.1#
215	92.0	41.6	62.4#



#24
 Pentachlorophenol
 Concen: 0.249 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. -0.000 min
 Lab File: BN016487.D
 Acq: 25 Sep 2021 23:36

Tgt Ion:	266	Resp:	95
Ion Ratio	Lower	Upper	
266	100		
264	46.3	50.6	75.8#
268	44.2	52.6	79.0#

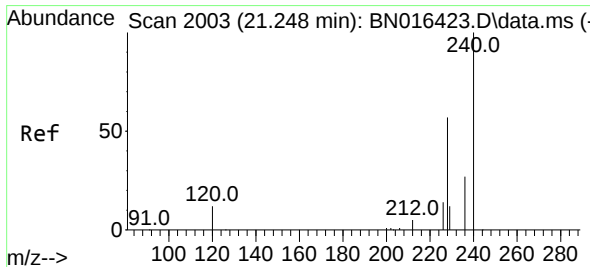
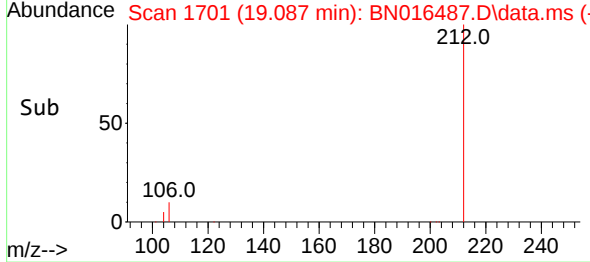
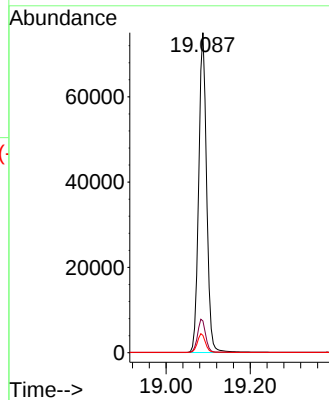
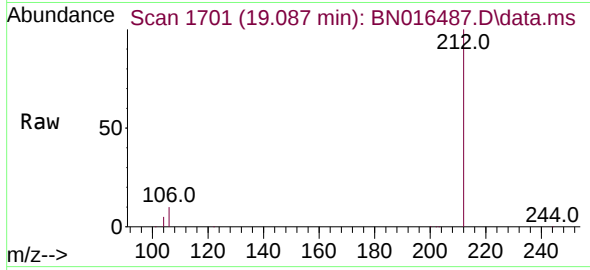




#27
Fluoranthene-d10
Concen: 0.496 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

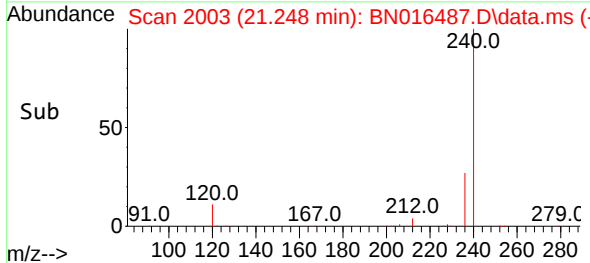
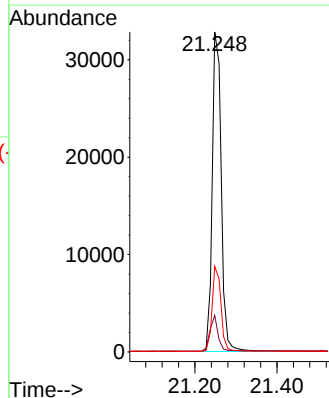
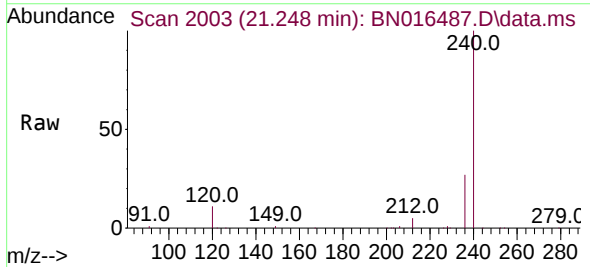
Instrument :
BNA_N
ClientSampleId :
PB139372BL

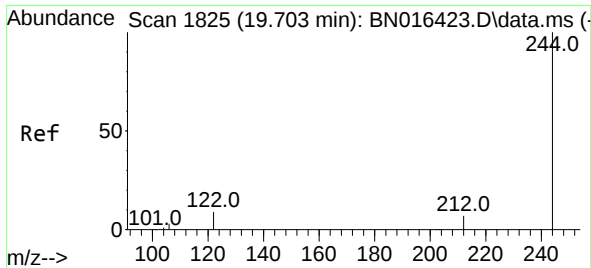
Tgt Ion:212 Resp: 98012
Ion Ratio Lower Upper
212 100
106 10.7 9.8 14.6
104 5.9 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016487.D
Acq: 25 Sep 2021 23:36

Tgt Ion:240 Resp: 50141
Ion Ratio Lower Upper
240 100
120 11.4 5.3 7.9#
236 26.7 19.8 29.8

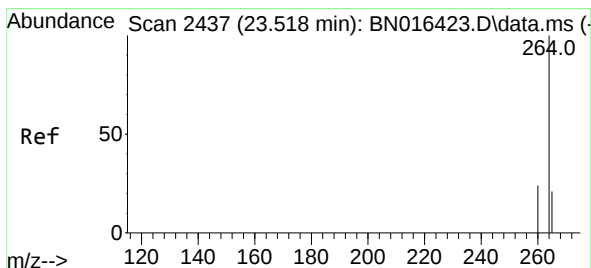
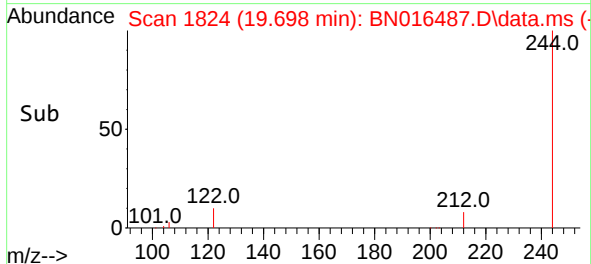
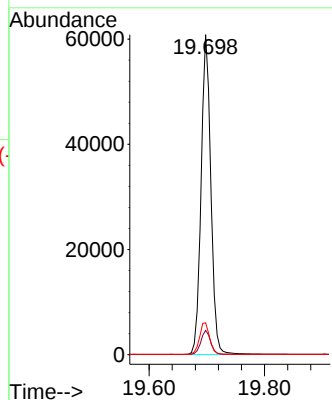
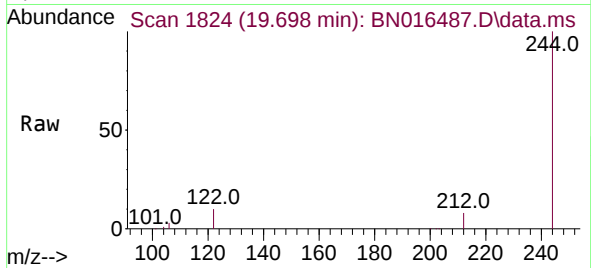




#31
 Terphenyl-d14
 Concen: 0.612 ng
 RT: 19.698 min Scan# 1824
 Delta R.T. -0.005 min
 Lab File: BN016487.D
 Acq: 25 Sep 2021 23:36

Instrument :
 BNA_N
 ClientSampleId :
 PB139372BL

Tgt Ion:244 Resp: 71319
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 10.0 9.0 13.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016487.D
 Acq: 25 Sep 2021 23:36

Tgt Ion:264 Resp: 46768
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 24.4 23.7 35.5

