

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
 Data File : BN016567.D
 Acq On : 28 Sep 2021 22:02
 Operator : CG/JU
 Sample : PB139372BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139372BL

Quant Time: Sep 29 01:55:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 01:39:43 2021
 Response via : Initial Calibration

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

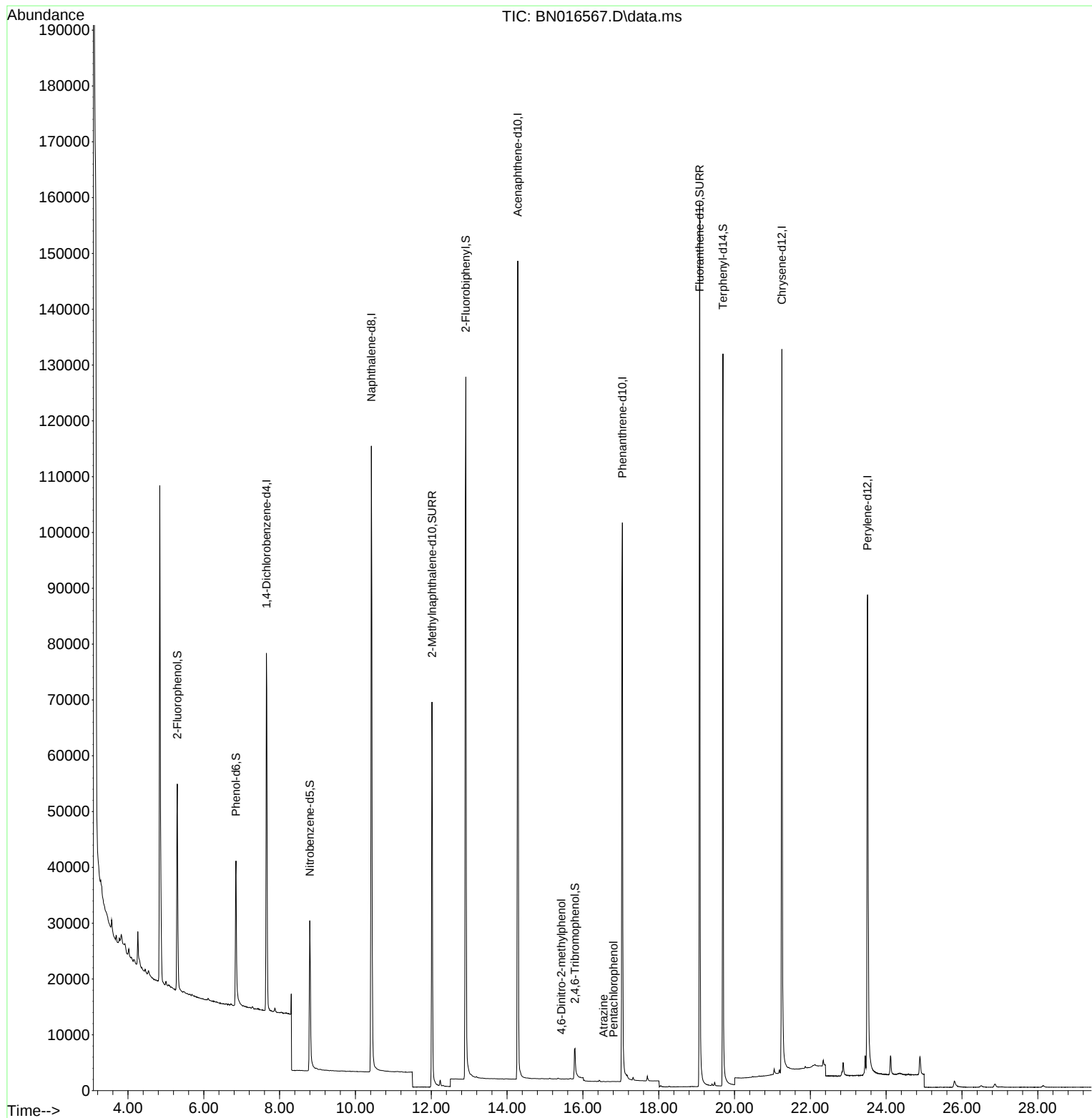
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	37781	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	165724	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	84597	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	165376	0.400	ng	0.00
29) Chrysene-d12	21.249	240	137586	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	132876	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	36042	0.383	ng	0.02
5) Phenol-d6	6.849	99	31439	0.333	ng	0.00
8) Nitrobenzene-d5	8.797	82	26927	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	102514	0.435	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	7379	0.200	ng	0.01
15) 2-Fluorobiphenyl	12.911	172	126966	0.365	ng	0.00
27) Fluoranthene-d10	19.078	212	193447	0.433	ng	0.00
31) Terphenyl-d14	19.693	244	141113	0.476	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.436	198	5	0.199	ng	# 1
23) Atrazine	16.543	200	23	0.107	ng	# 1
24) Pentachlorophenol	16.811	266	72	0.214	ng	# 18

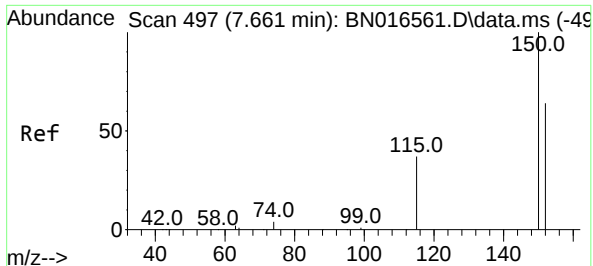
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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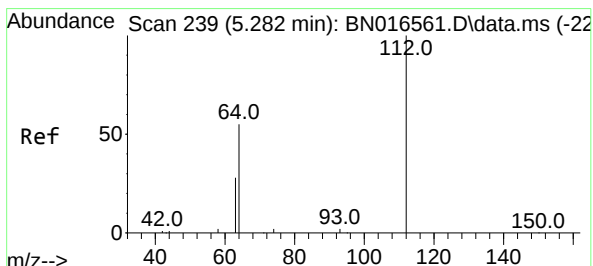
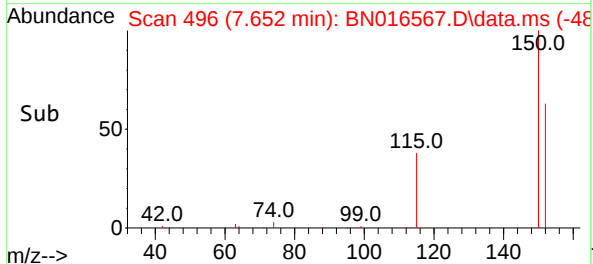
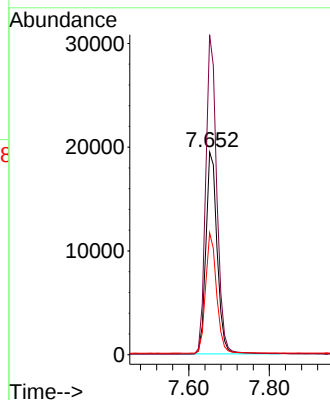
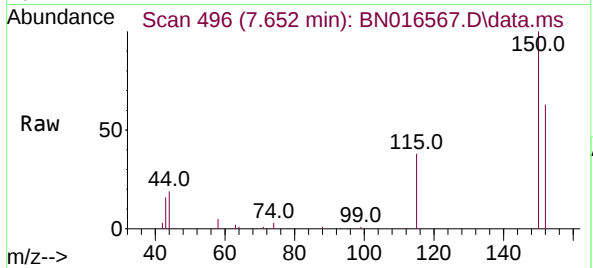




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.652 min Scan# 496
 Delta R.T. -0.009 min
 Lab File: BN016567.D
 Acq: 28 Sep 2021 22:02

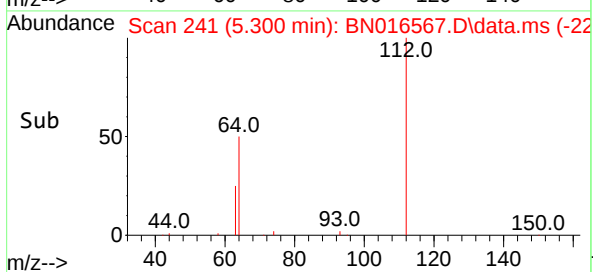
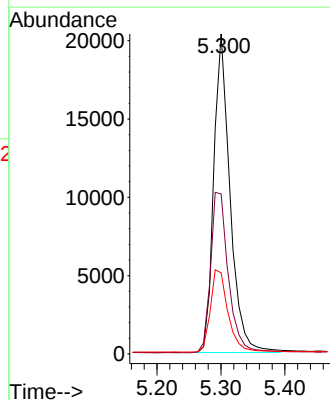
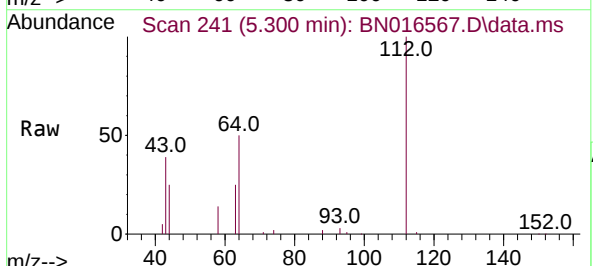
Instrument :
 BNA_N
 ClientSampleId :
 PB139372BL

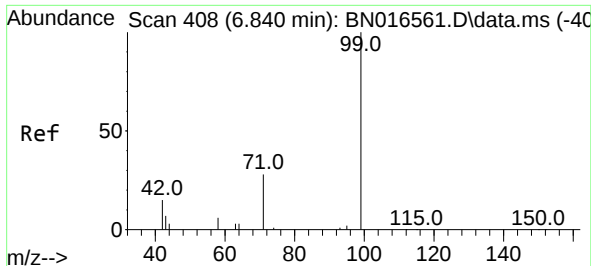
Tgt Ion:152 Resp: 37781
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.1 187.7
 115 60.1 45.8 68.8



#4
 2-Fluorophenol
 Concen: 0.383 ng
 RT: 5.300 min Scan# 241
 Delta R.T. 0.018 min
 Lab File: BN016567.D
 Acq: 28 Sep 2021 22:02

Tgt Ion:112 Resp: 36042
 Ion Ratio Lower Upper
 112 100
 64 55.1 48.4 72.6
 63 28.1 25.4 38.2

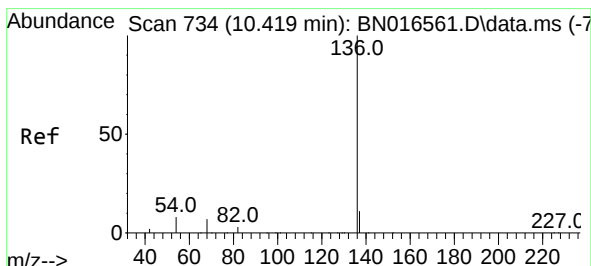
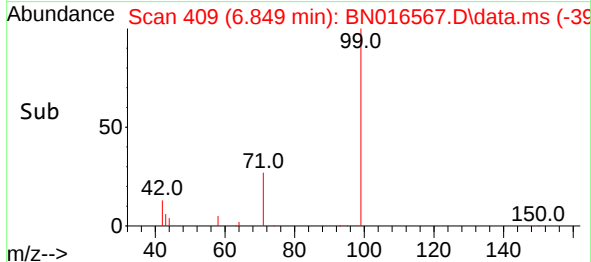
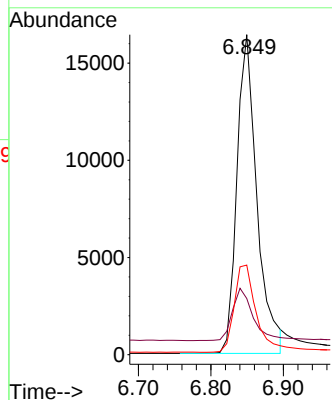
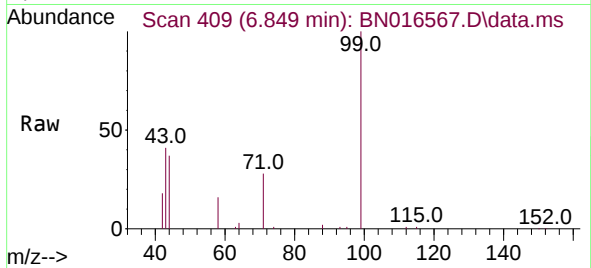




#5
Phenol-d6
Concen: 0.333 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.009 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

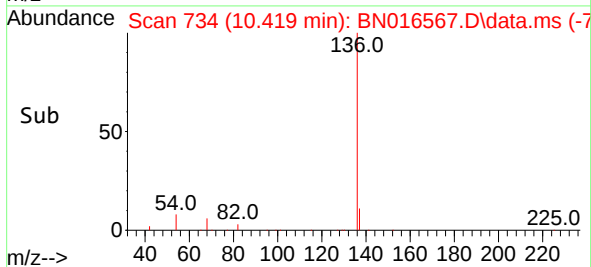
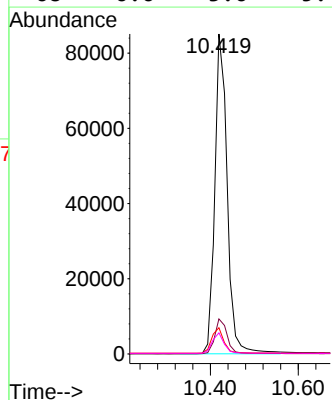
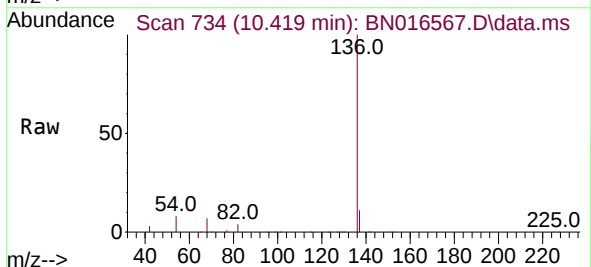
Instrument :
BNA_N
ClientSampleId :
PB139372BL

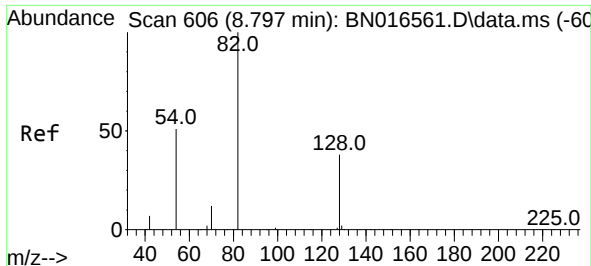
Tgt Ion: 99 Resp: 31439
Ion Ratio Lower Upper
99 100
42 16.8 19.6 29.4#
71 29.6 24.2 36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

Tgt Ion: 136 Resp: 165724
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 5.8 8.6
68 6.6 3.6 5.4#

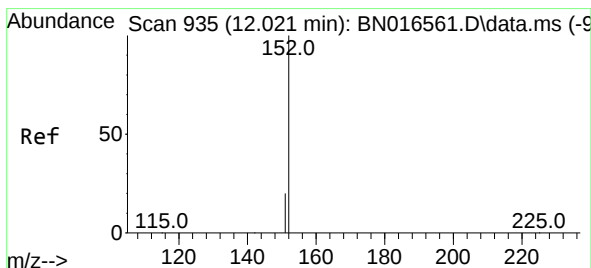
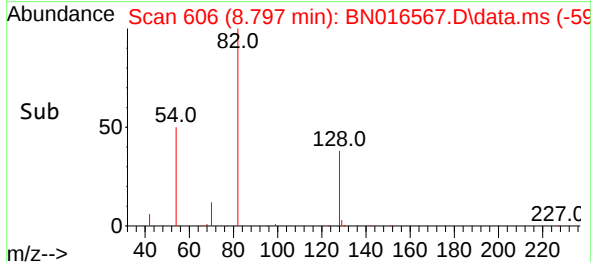
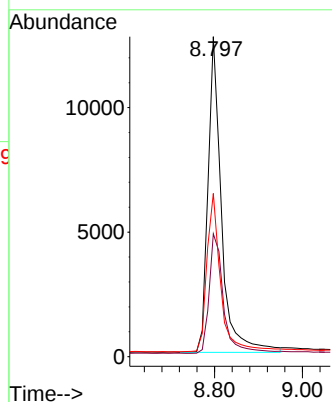
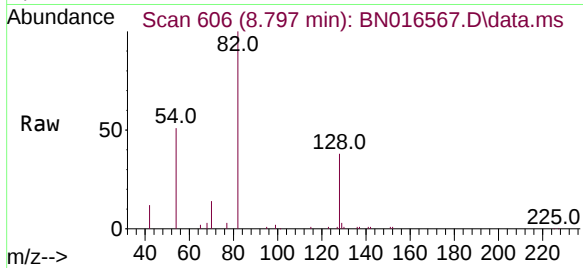




#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.797 min Scan# 606
Delta R.T. 0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

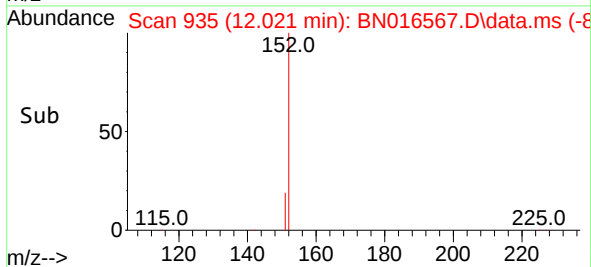
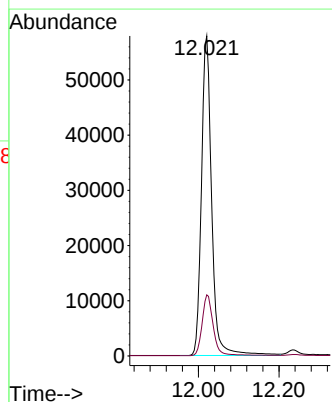
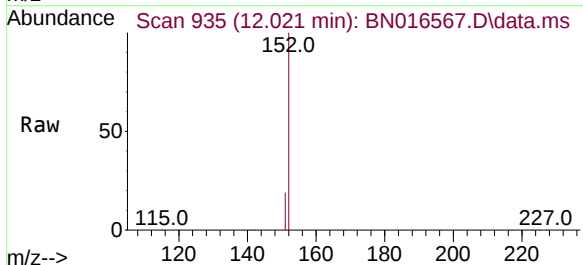
Instrument :
BNA_N
ClientSampleId :
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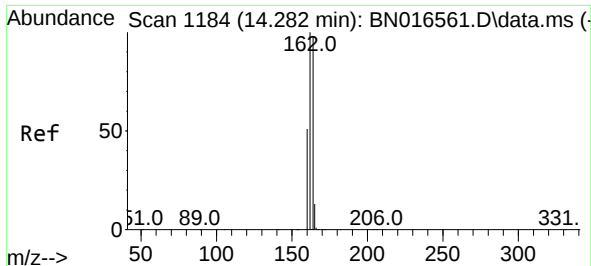
Tgt Ion: 82 Resp: 26927
Ion Ratio Lower Upper
82 100
128 38.4 27.4 41.2
54 51.0 58.5 87.7#



#11
2-Methylnaphthalene-d10
Concen: 0.435 ng
RT: 12.021 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

Tgt Ion: 152 Resp: 102514
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

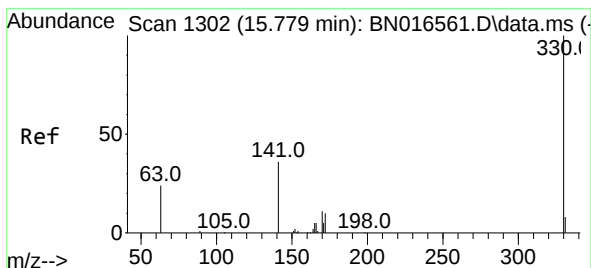
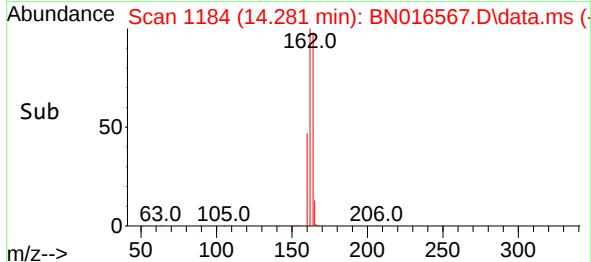
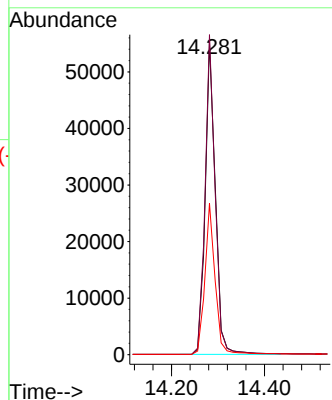
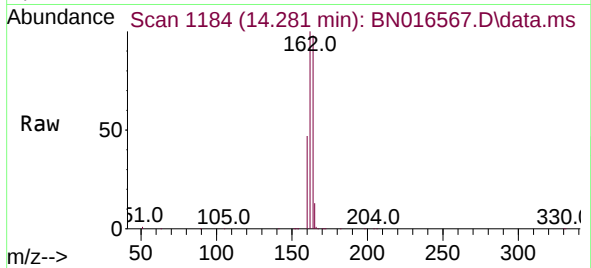




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

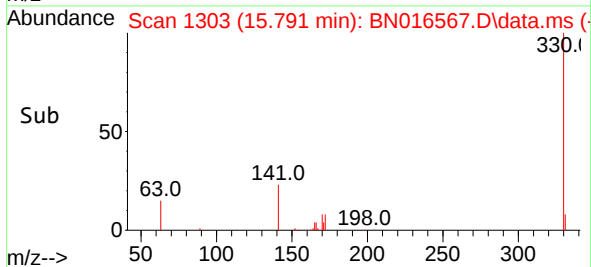
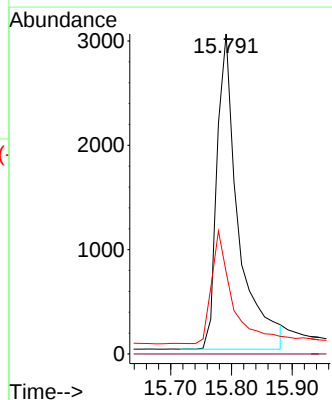
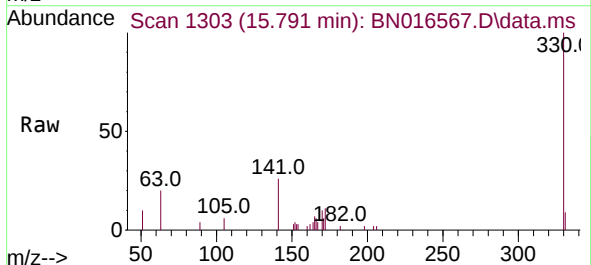
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ClientSampleId :
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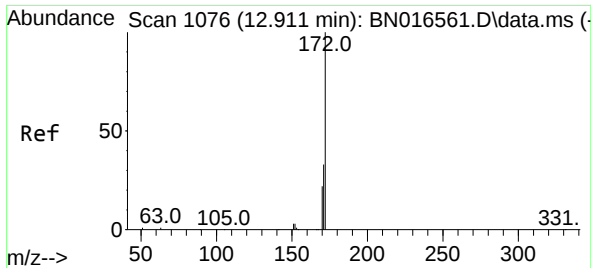
Tgt Ion:164 Resp: 84597
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.0
160 48.4 46.6 70.0



#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.013 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

Tgt Ion:330 Resp: 7379
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.9 34.4 51.6

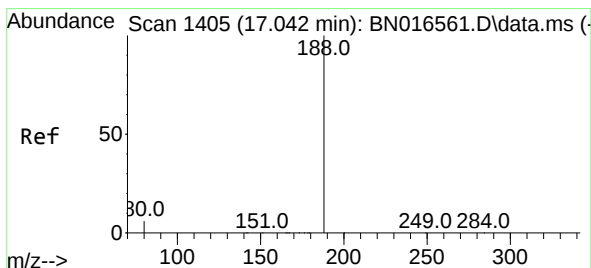
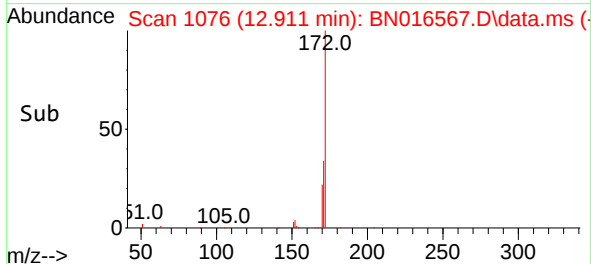
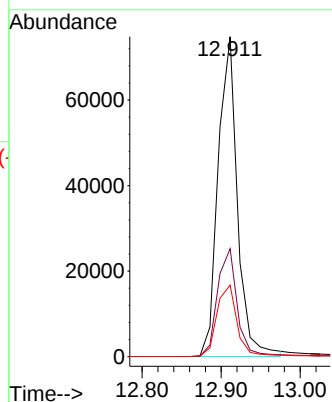
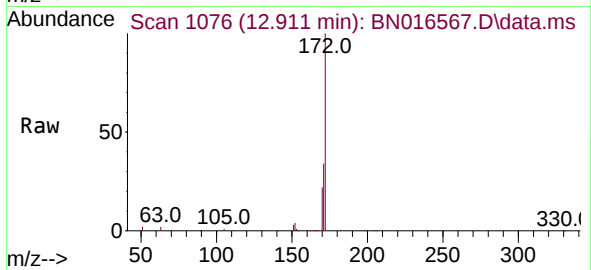




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

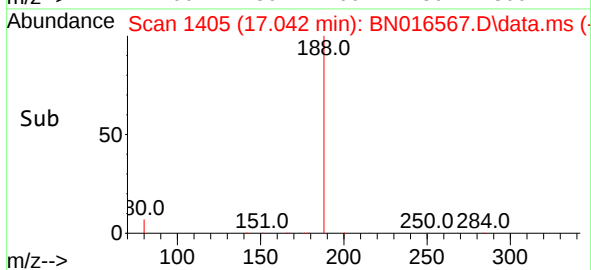
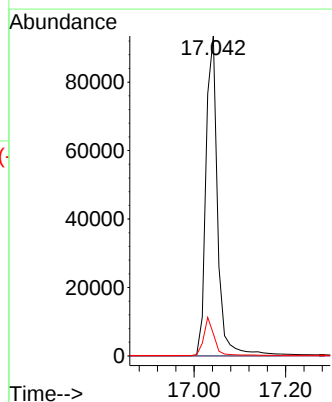
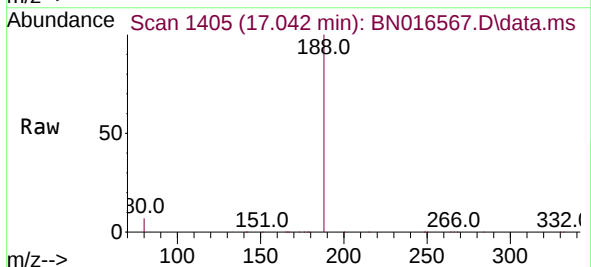
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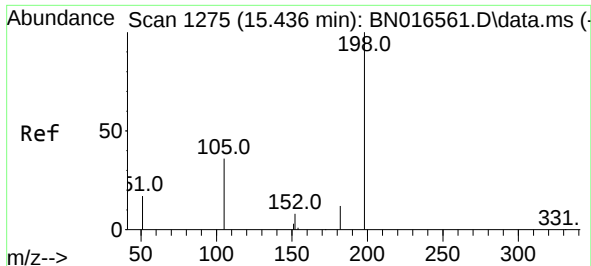
Tgt Ion:172	Resp:	126966
Ion Ratio	Lower	Upper
172	100	
171	33.7	27.4 41.2
170	22.4	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

Tgt Ion:188	Resp:	165376
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.9	6.9 10.3

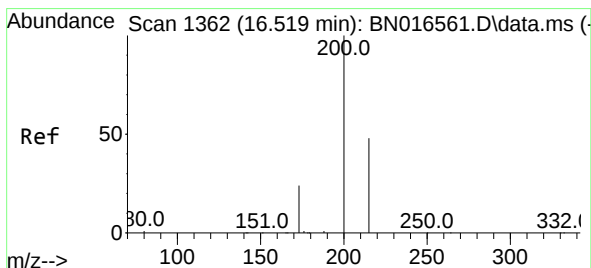
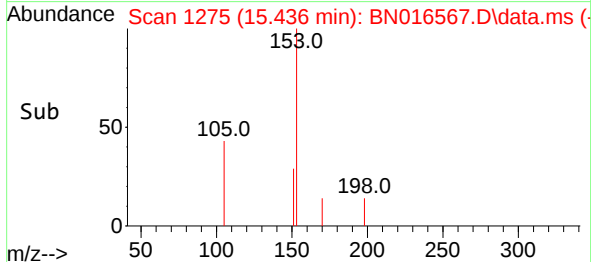
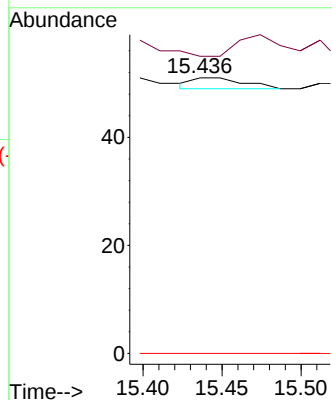
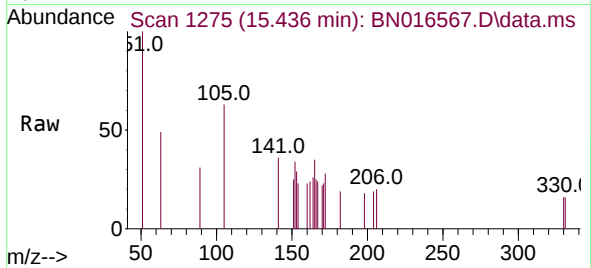




#20
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

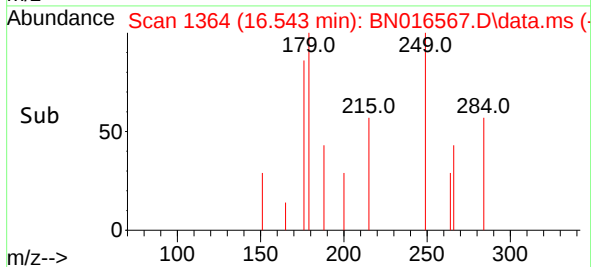
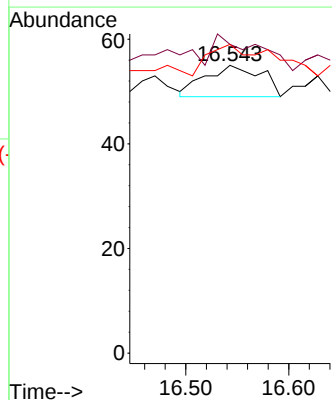
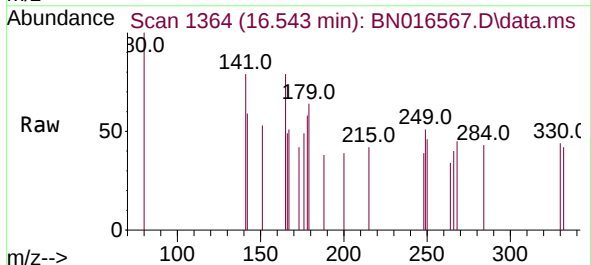
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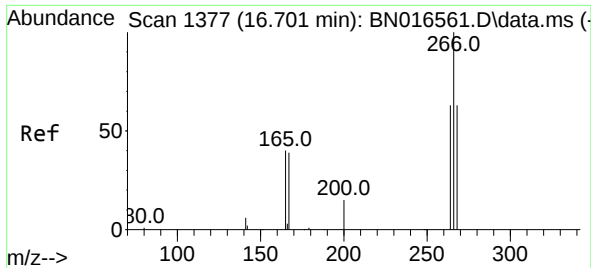
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 107.8 17.5 26.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.107 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.024 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

Tgt Ion:200 Resp: 23
Ion Ratio Lower Upper
200 100
173 107.3 22.6 34.0#
215 107.3 38.2 57.4#

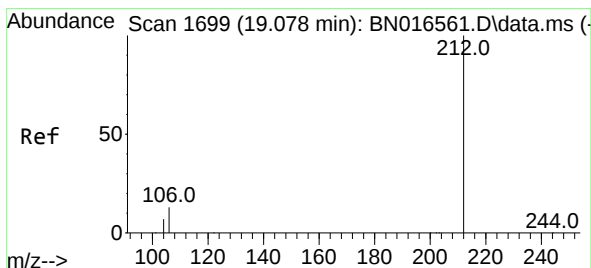
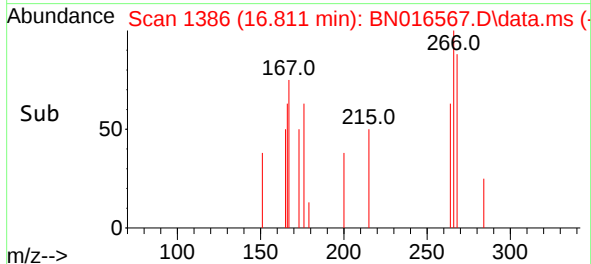
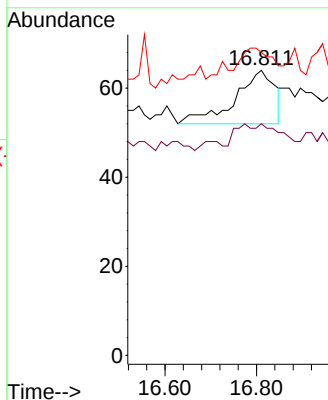
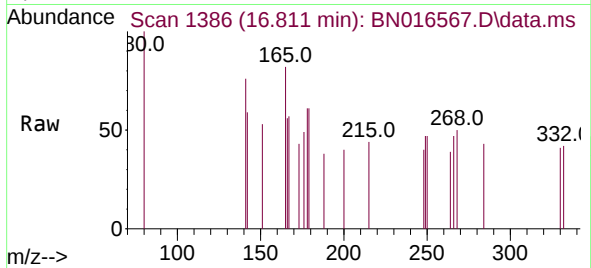




#24
 Pentachlorophenol
 Concen: 0.214 ng
 RT: 16.811 min Scan# 1386
 Delta R.T. 0.110 min
 Lab File: BN016567.D
 Acq: 28 Sep 2021 22:02

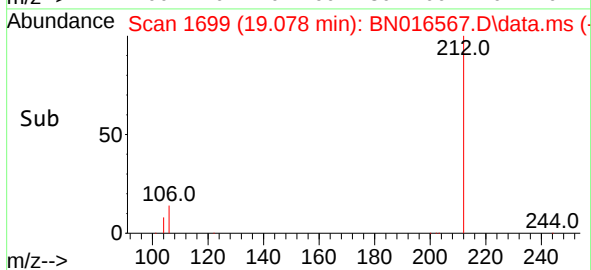
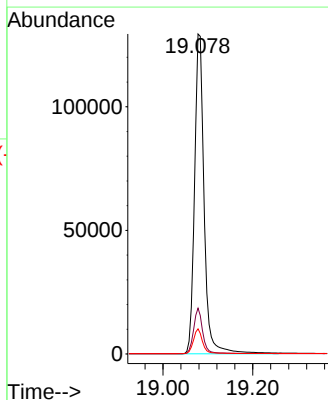
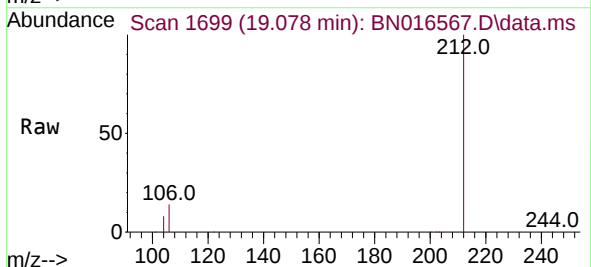
Instrument :
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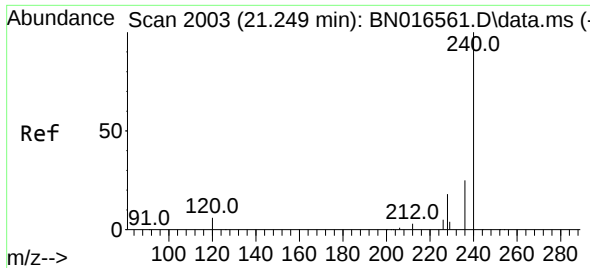
Tgt Ion:	266	Resp:	72
Ion Ratio	Lower	Upper	
266	100		
264	0.0	50.2	75.2#
268	0.0	51.8	77.8#



#27
 Fluoranthene-d10
 Concen: 0.433 ng
 RT: 19.078 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: BN016567.D
 Acq: 28 Sep 2021 22:02

Tgt Ion:	212	Resp:	193447
Ion Ratio	Lower	Upper	
212	100		
106	13.6	8.8	13.2#
104	7.4	5.0	7.4

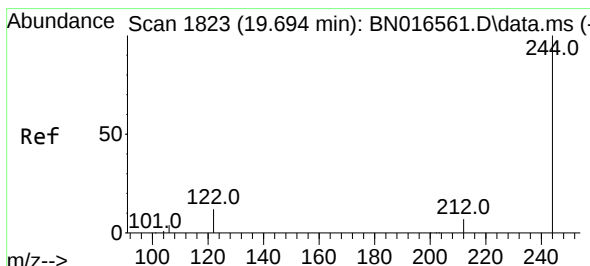
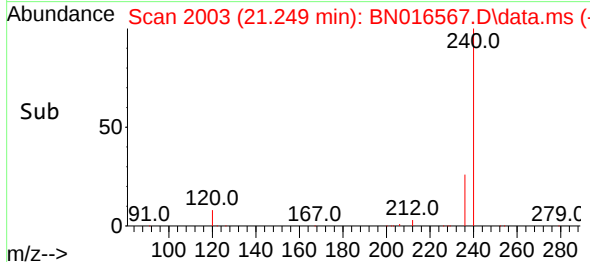
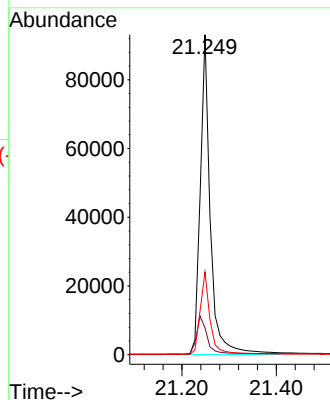
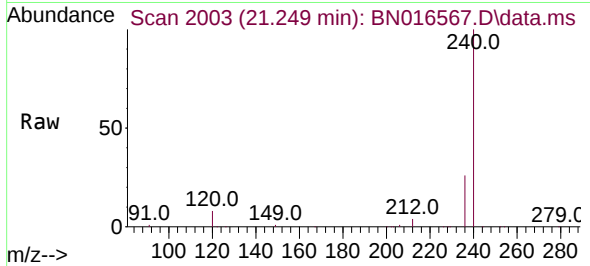




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

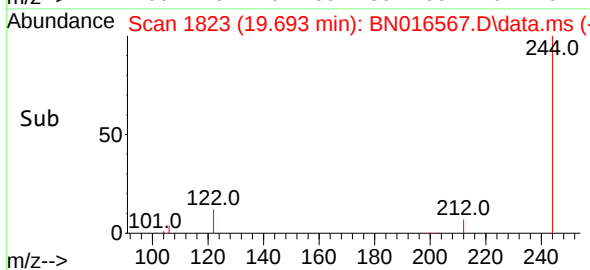
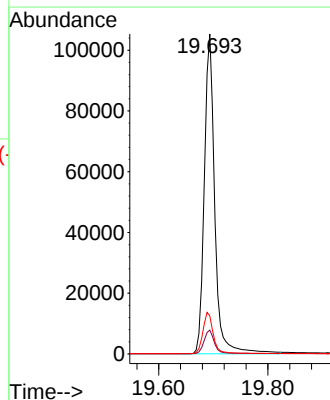
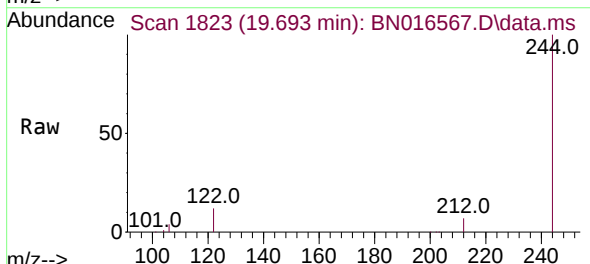
Instrument :
BNA_N
ClientSampleId :
PB139372BL

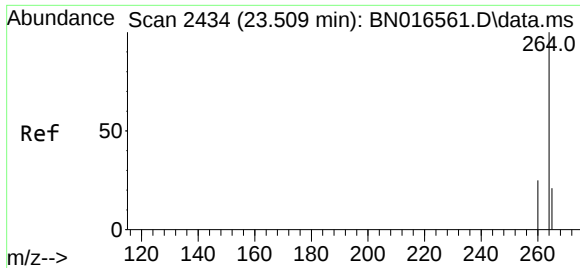
Tgt Ion:240 Resp: 137586
Ion Ratio Lower Upper
240 100
120 8.3 9.0 13.4#
236 25.8 21.7 32.5



#31
Terphenyl-d14
Concen: 0.476 ng
RT: 19.693 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN016567.D
Acq: 28 Sep 2021 22:02

Tgt Ion:244 Resp: 141113
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 11.9 8.4 12.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.508 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BN016567.D
 Acq: 28 Sep 2021 22:02

Instrument :
 BNA_N
 ClientSampleId :
 PB139372BL

Tgt Ion:264	Resp:	132876
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.9 29.9
265	23.7	20.7 31.1

