

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016936.D
 Acq On : 13 Oct 2021 19:16
 Operator : CG/JU
 Sample : PB139869BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139869BL

Quant Time: Oct 14 02:10:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

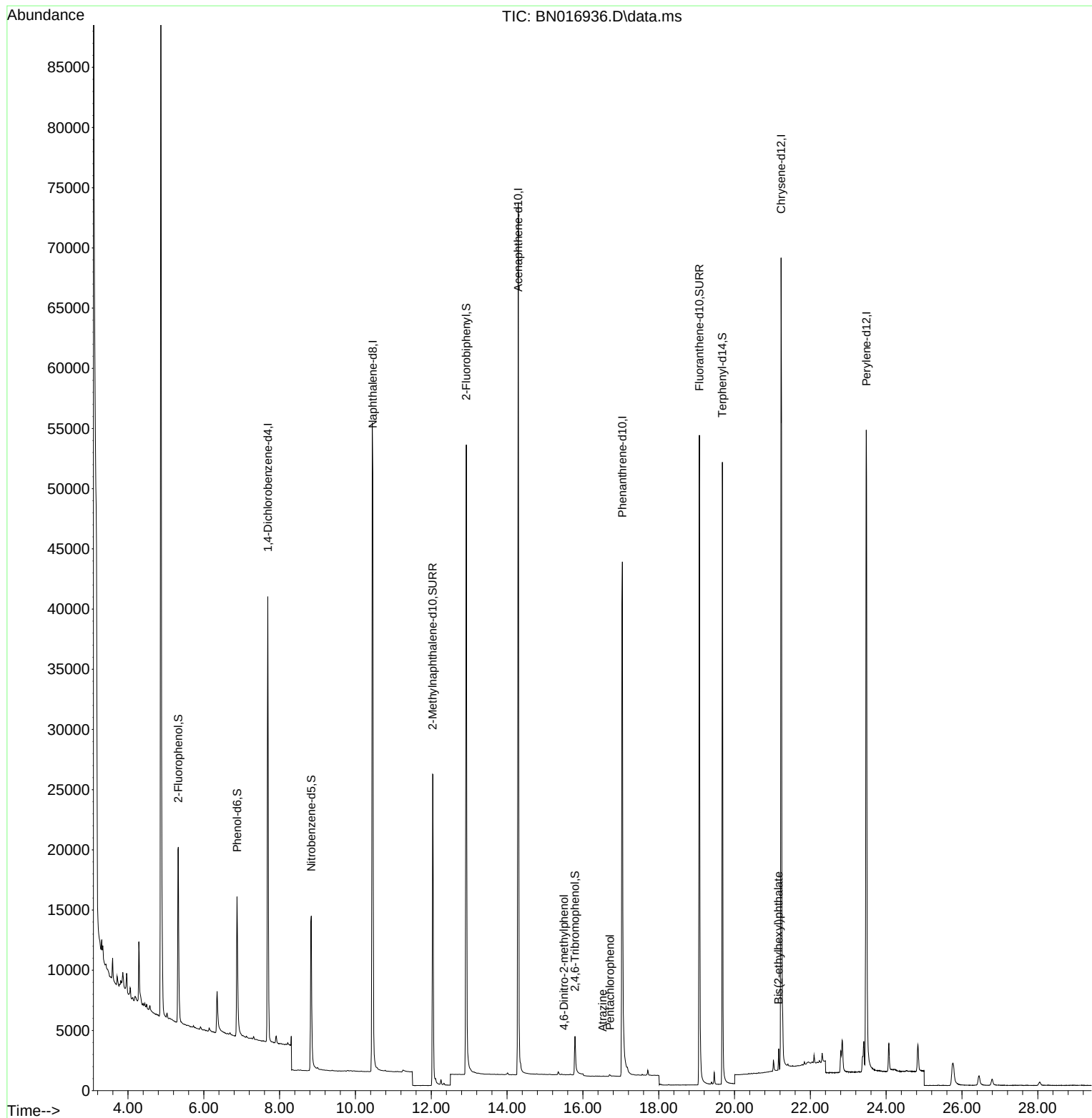
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	19544	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	84571	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	42089	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	78742	0.400	ng	0.00
29) Chrysene-d12	21.228	240	72309	0.400	ng	# 0.00
35) Perylene-d12	23.478	264	75172	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.328	112	14812	0.334	ng	0.04
5) Phenol-d6	6.877	99	13316	0.270	ng	0.00
8) Nitrobenzene-d5	8.835	82	14165	0.263	ng	0.01
11) 2-Methylnaphthalene-d10	12.038	152	38996	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3794	0.199	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	48997	0.307	ng	0.00
27) Fluoranthene-d10	19.073	212	66983	0.339	ng	0.00
31) Terphenyl-d14	19.679	244	54687	0.344	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.500	198	6	0.199	ng	# 1
23) Atrazine	16.519	200	12	0.090	ng	# 1
24) Pentachlorophenol	16.713	266	135	0.203	ng	93
34) Bis(2-ethylhexyl)phtha...	21.164	149	1491	0.203	ng	# 99

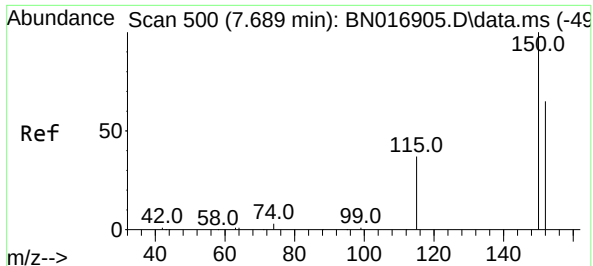
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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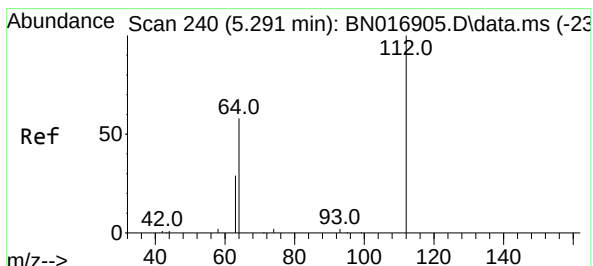
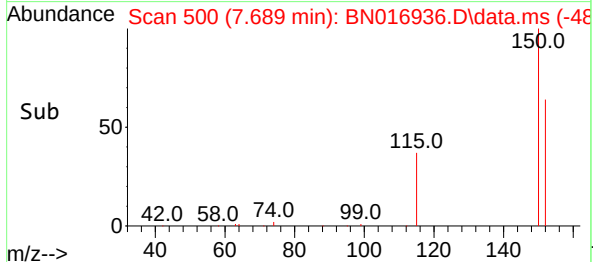
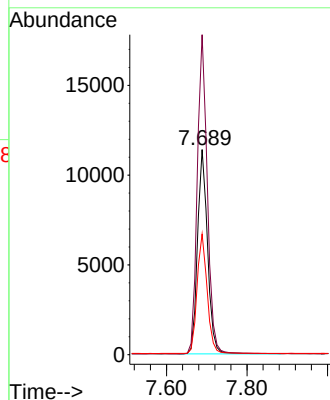
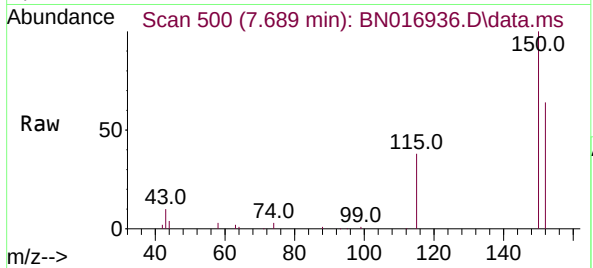




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. -0.000 min
 Lab File: BN016936.D
 Acq: 13 Oct 2021 19:16

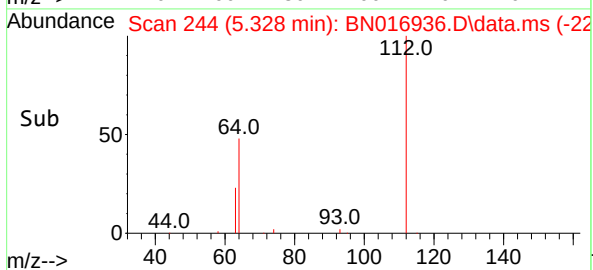
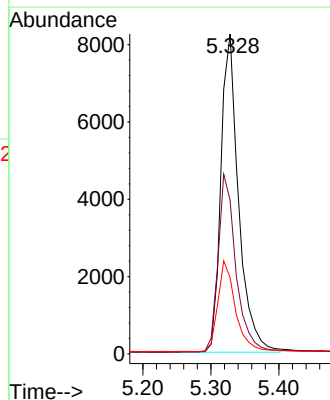
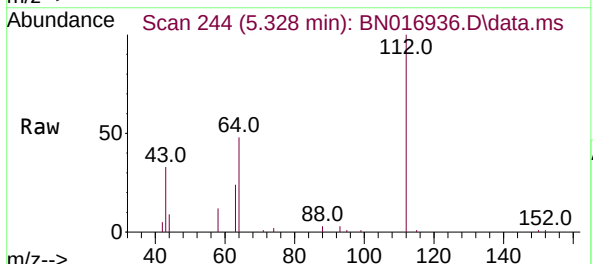
Instrument :
 BNA_N
 ClientSampleId :
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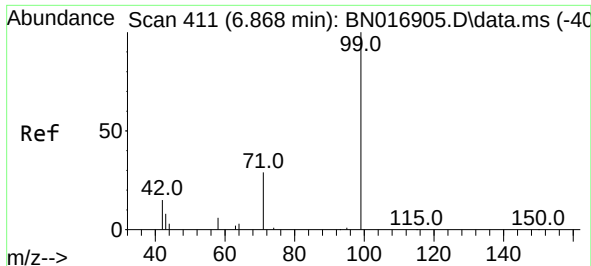
Tgt Ion:152 Resp: 19544
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.6 183.8
 115 58.8 46.1 69.1



#4
 2-Fluorophenol
 Concen: 0.334 ng
 RT: 5.328 min Scan# 244
 Delta R.T. 0.037 min
 Lab File: BN016936.D
 Acq: 13 Oct 2021 19:16

Tgt Ion:112 Resp: 14812
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.0 67.4
 63 28.3 22.6 33.8

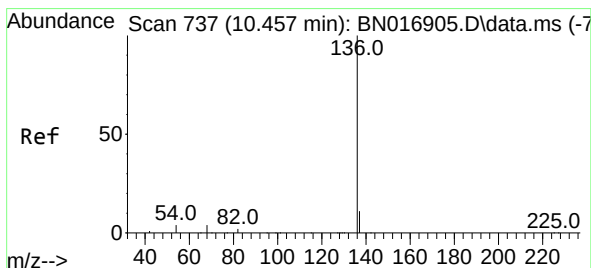
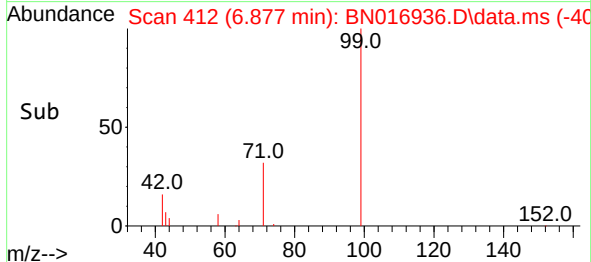
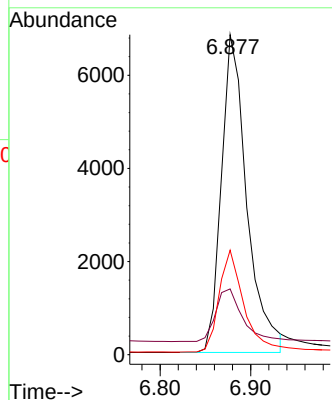
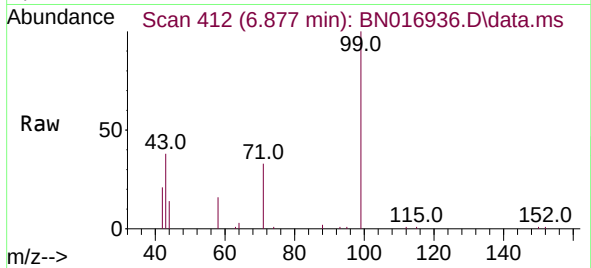




#5
Phenol-d6
Concen: 0.270 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

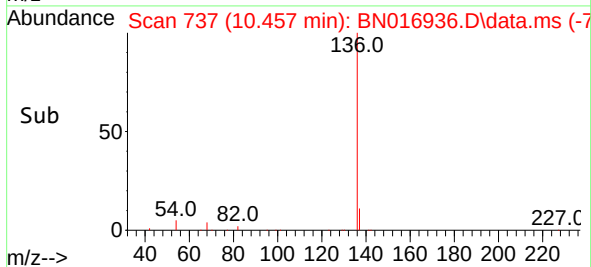
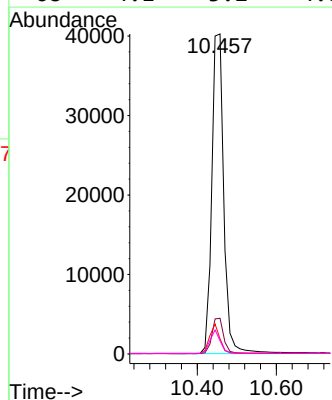
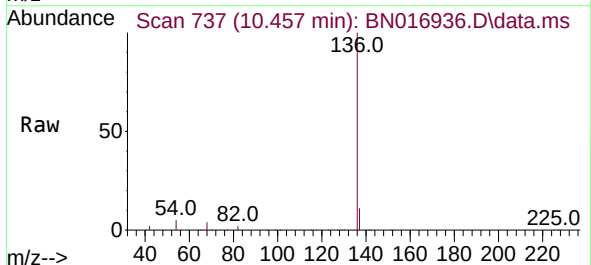
Instrument :
BNA_N
ClientSampleId :
PB139869BL

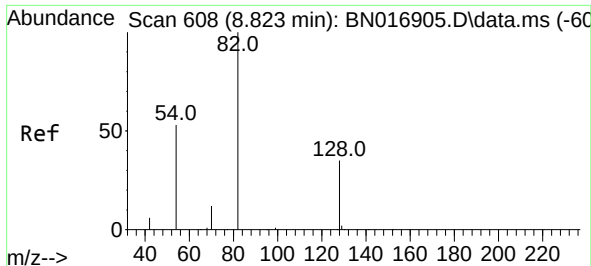
Tgt Ion: 99 Resp: 13316
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 31.2 24.5 36.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

Tgt Ion:136 Resp: 84571
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 4.7 3.7 5.5
68 4.1 3.2 4.8

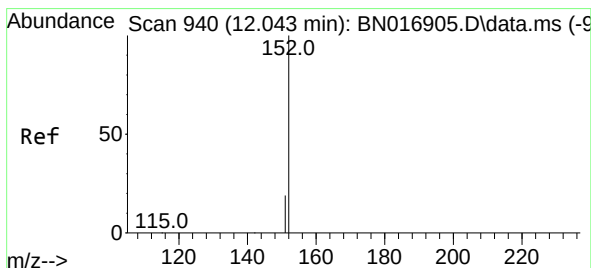
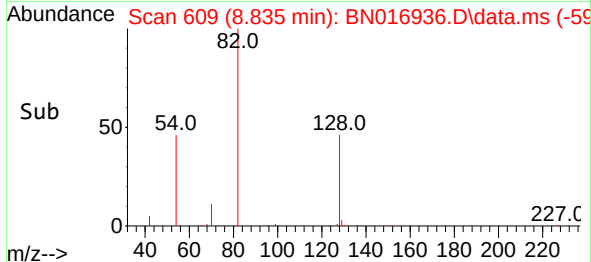
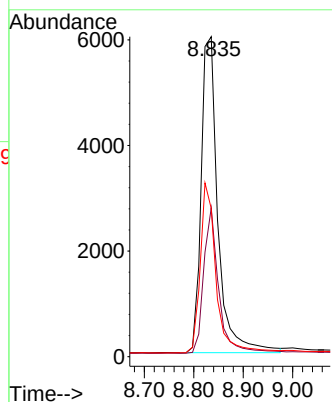
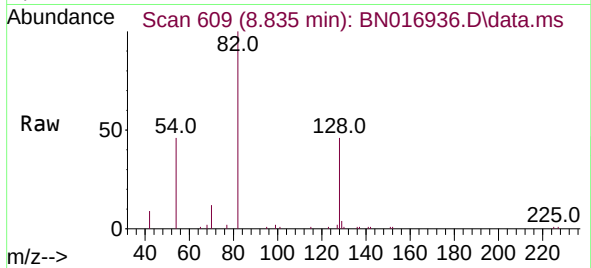




#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.013 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

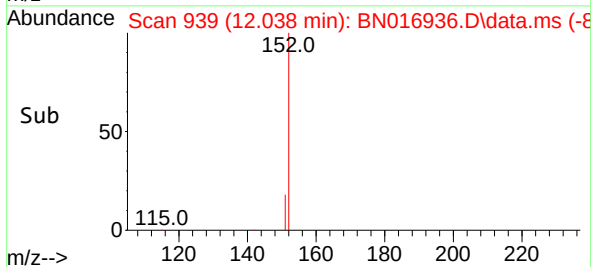
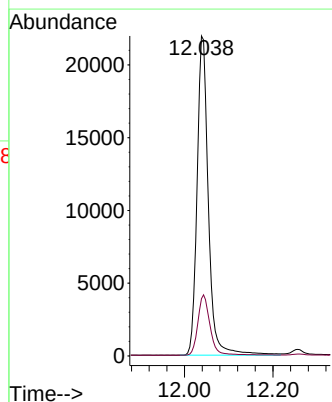
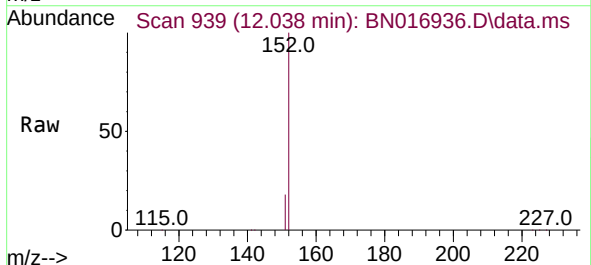
Instrument :
BNA_N
ClientSampleId :
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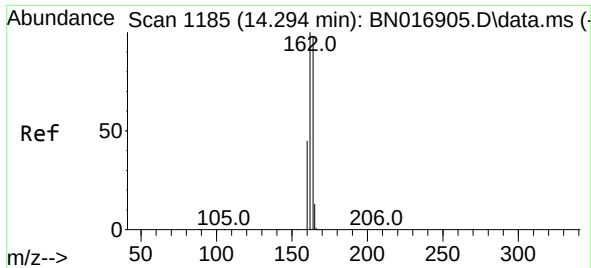
Tgt Ion: 82 Resp: 14165
Ion Ratio Lower Upper
82 100
128 46.5 28.3 42.5#
54 46.3 43.0 64.4



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.004 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

Tgt Ion: 152 Resp: 38996
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4

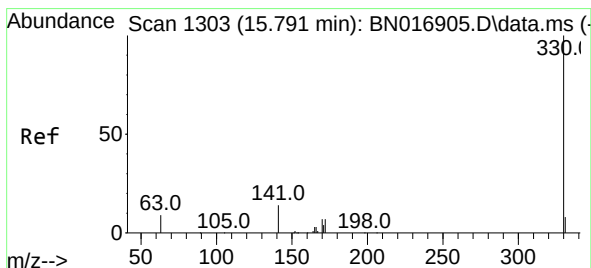
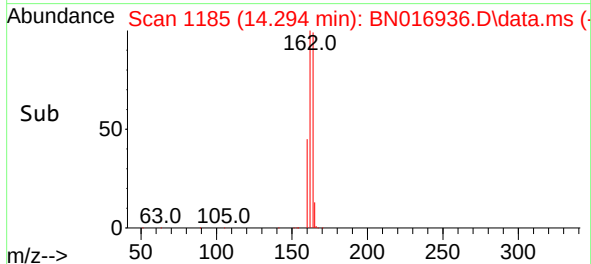
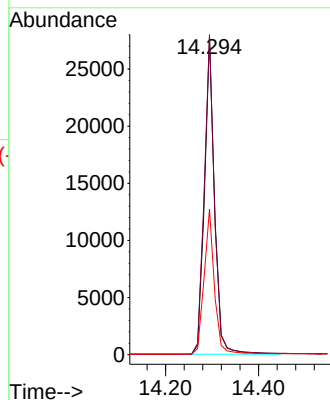
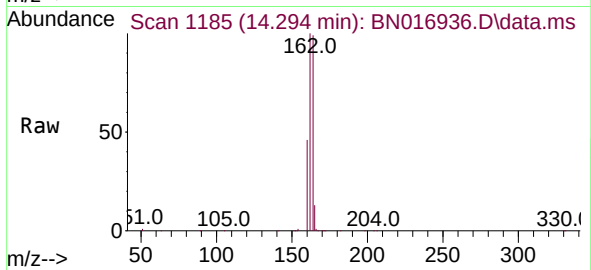




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

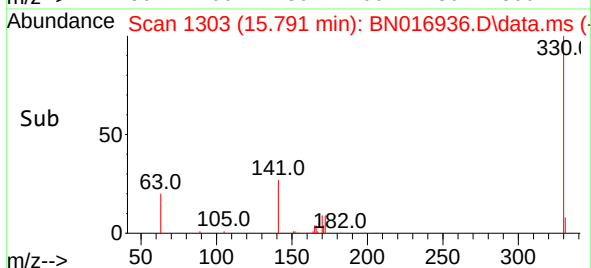
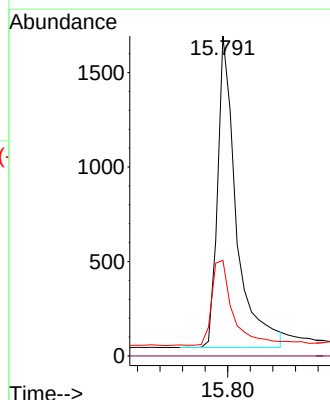
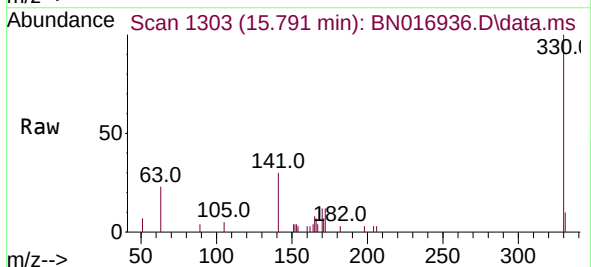
Instrument :
BNA_N
ClientSampleId :
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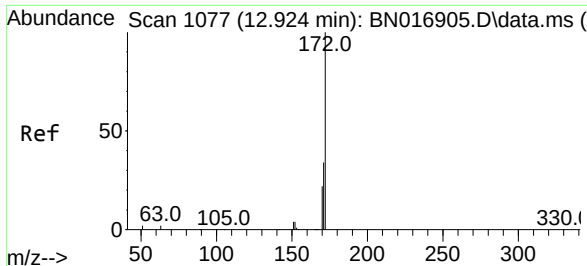
Tgt Ion:164 Resp: 42089
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.9 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

Tgt Ion:330 Resp: 3794
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 24.4 36.6

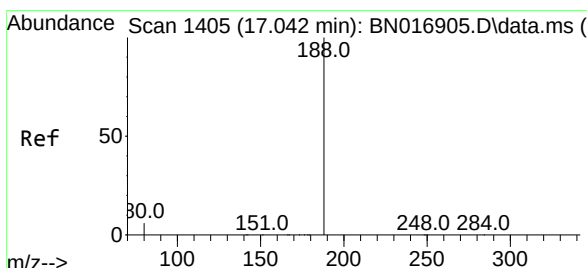
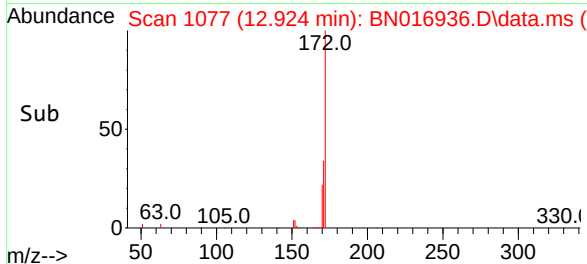
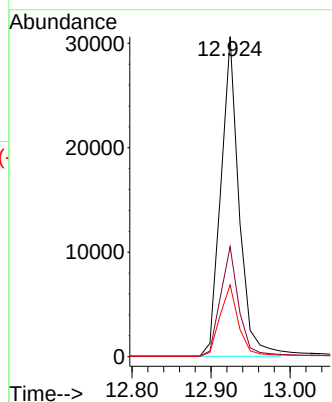
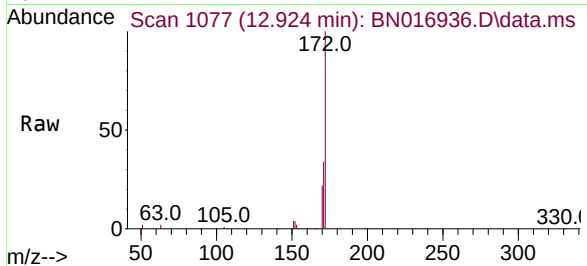




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

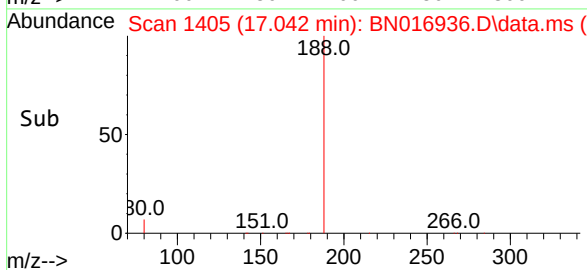
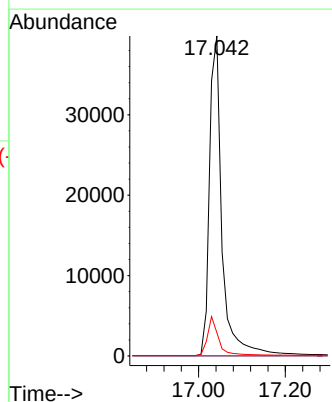
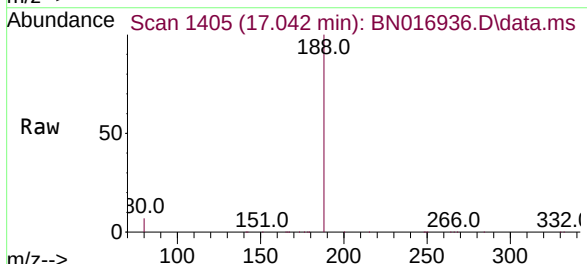
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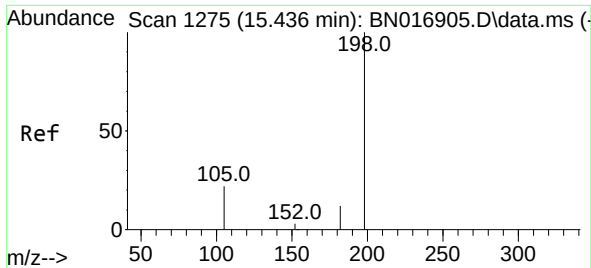
Tgt Ion:	172	Resp:	48997
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	22.4	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

Tgt Ion:	188	Resp:	78742
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	4.9	7.3

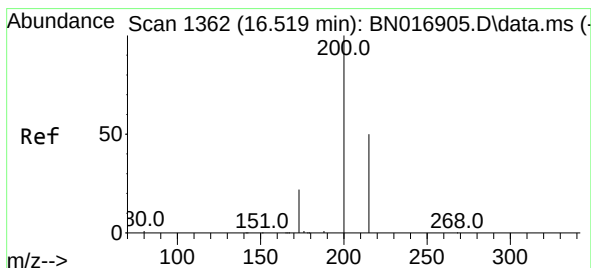
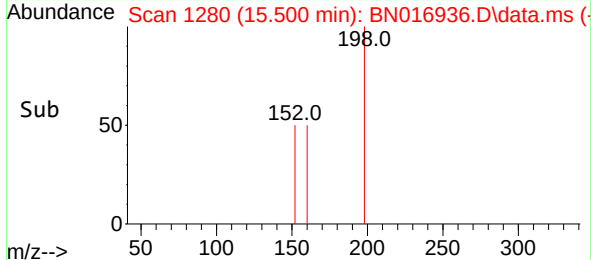
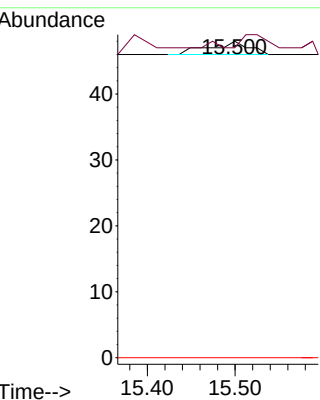
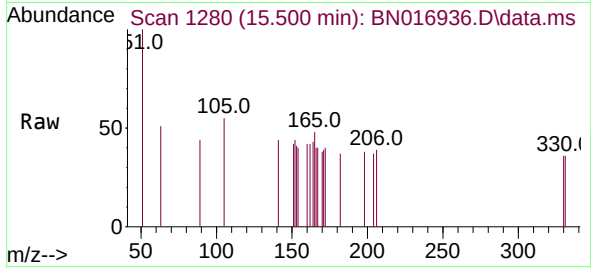




#20
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 15.500 min Scan# 1280
Delta R.T. 0.064 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

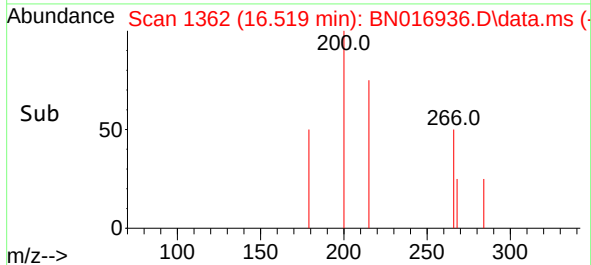
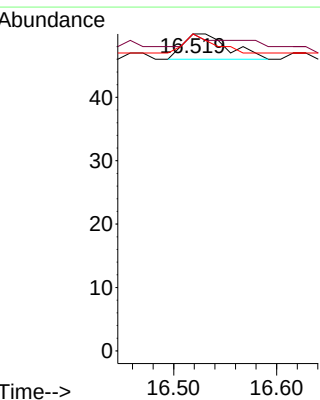
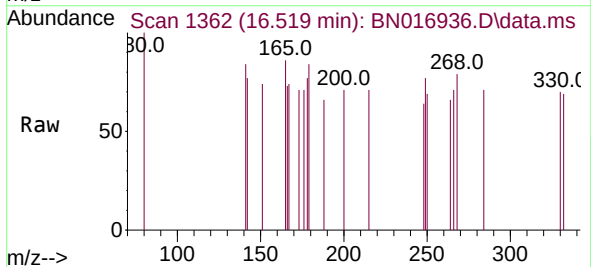
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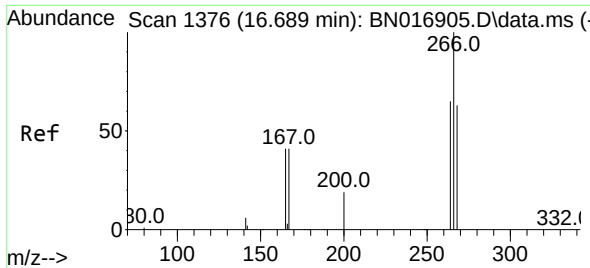
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 97.9 11.0 16.6#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.090 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

Tgt Ion:200 Resp: 12
Ion Ratio Lower Upper
200 100
173 100.0 18.0 27.0#
215 100.0 40.0 60.0#

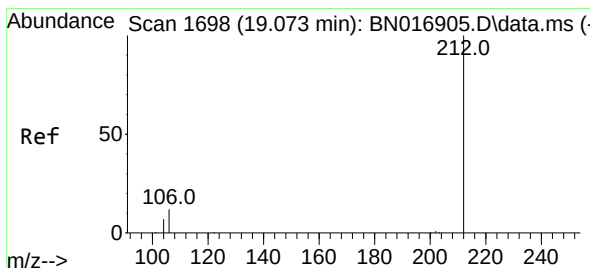
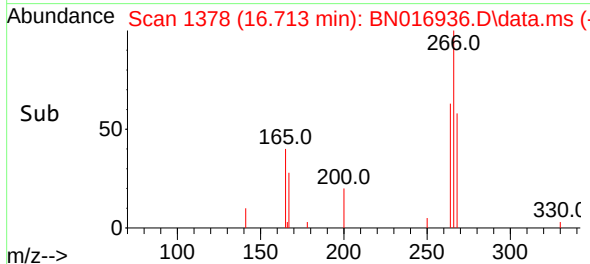
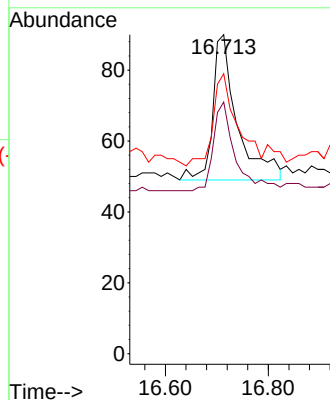
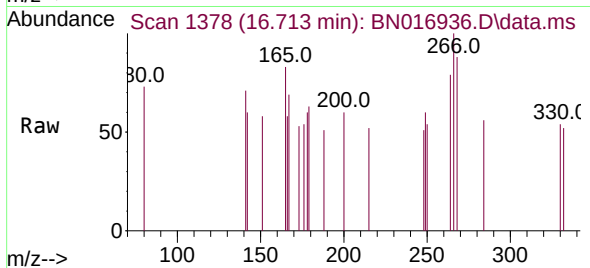




#24
 Pentachlorophenol
 Concen: 0.203 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. 0.024 min
 Lab File: BN016936.D
 Acq: 13 Oct 2021 19:16

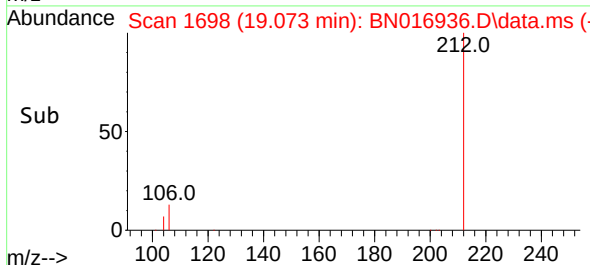
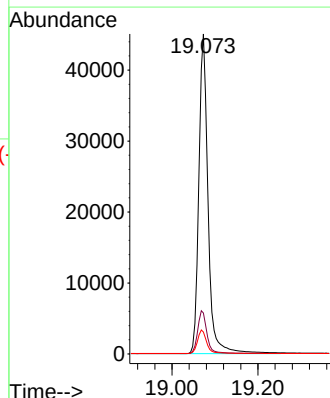
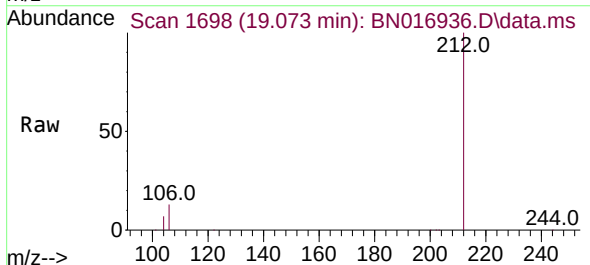
Instrument :
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 PB139869BL

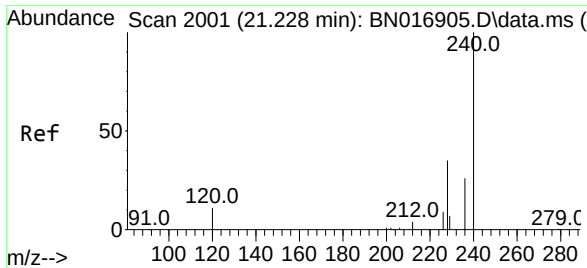
Tgt Ion:266	Resp:	135
Ion	Ratio	Lower Upper
266	100	
264	54.1	50.5 75.7
268	62.2	51.2 76.8



#27
 Fluoranthene-d10
 Concen: 0.339 ng
 RT: 19.073 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BN016936.D
 Acq: 13 Oct 2021 19:16

Tgt Ion:212	Resp:	66983
Ion	Ratio	Lower Upper
212	100	
106	13.6	10.7 16.1
104	7.4	5.8 8.8

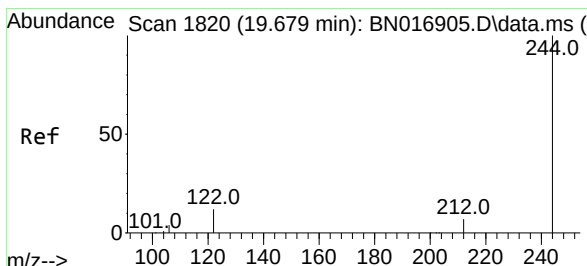
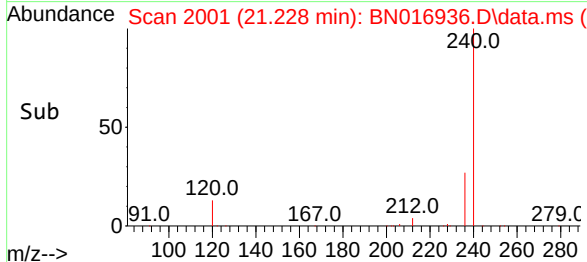
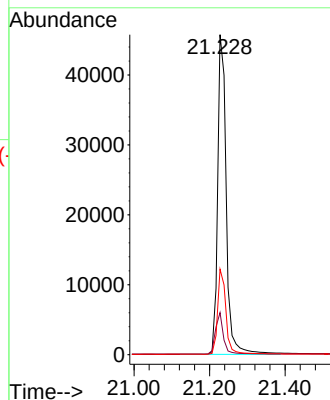
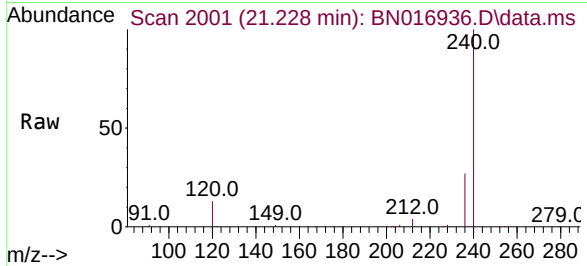




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

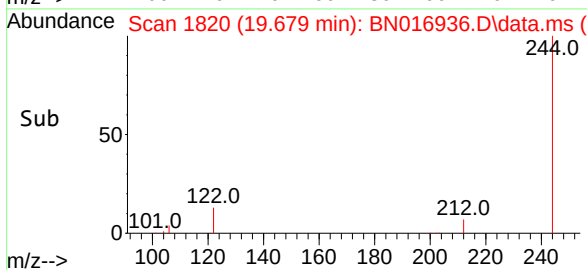
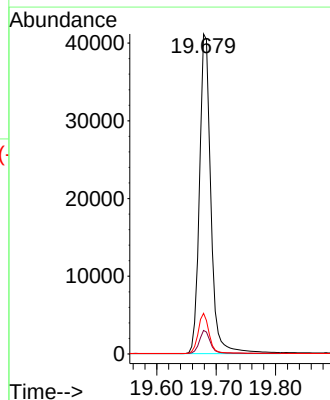
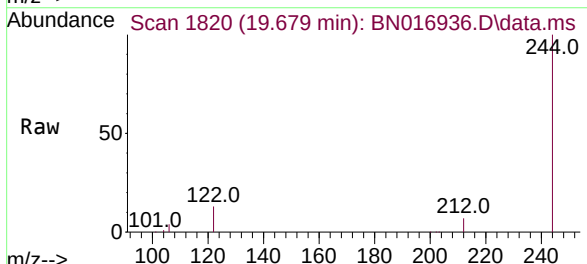
Instrument :
BNA_N
ClientSampleId :
PB139869BL

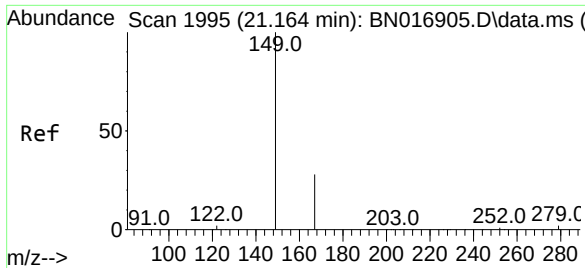
Tgt Ion:240 Resp: 72309
Ion Ratio Lower Upper
240 100
120 13.1 8.6 12.8#
236 26.7 21.0 31.4



#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016936.D
Acq: 13 Oct 2021 19:16

Tgt Ion:244 Resp: 54687
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 12.7 9.8 14.6

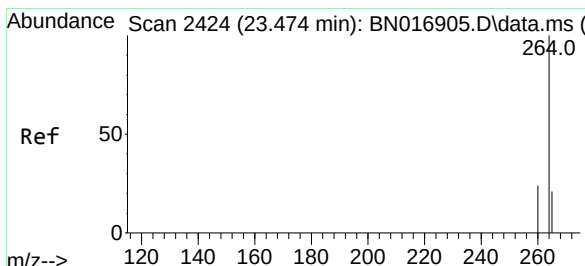
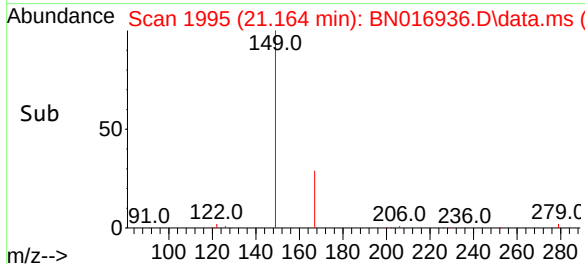
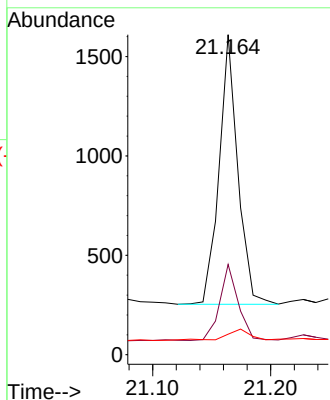
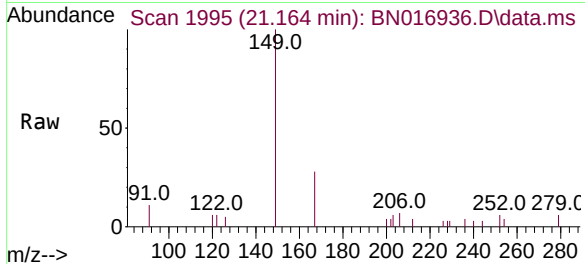




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.203 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BN016936.D
 Acq: 13 Oct 2021 19:16

Instrument :
 BNA_N
 ClientSampleId :
 PB139869BL

Tgt Ion:149 Resp: 1491
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.1 33.1
 279 5.7 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.478 min Scan# 2425
 Delta R.T. 0.003 min
 Lab File: BN016936.D
 Acq: 13 Oct 2021 19:16

Tgt Ion:264 Resp: 75172
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 23.2 18.6 27.8

