

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028176.D
 Acq On : 10 Oct 2023 01:26
 Operator : MA/JU
 Sample : PB156179BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156179BL

Quant Time: Oct 10 01:56:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

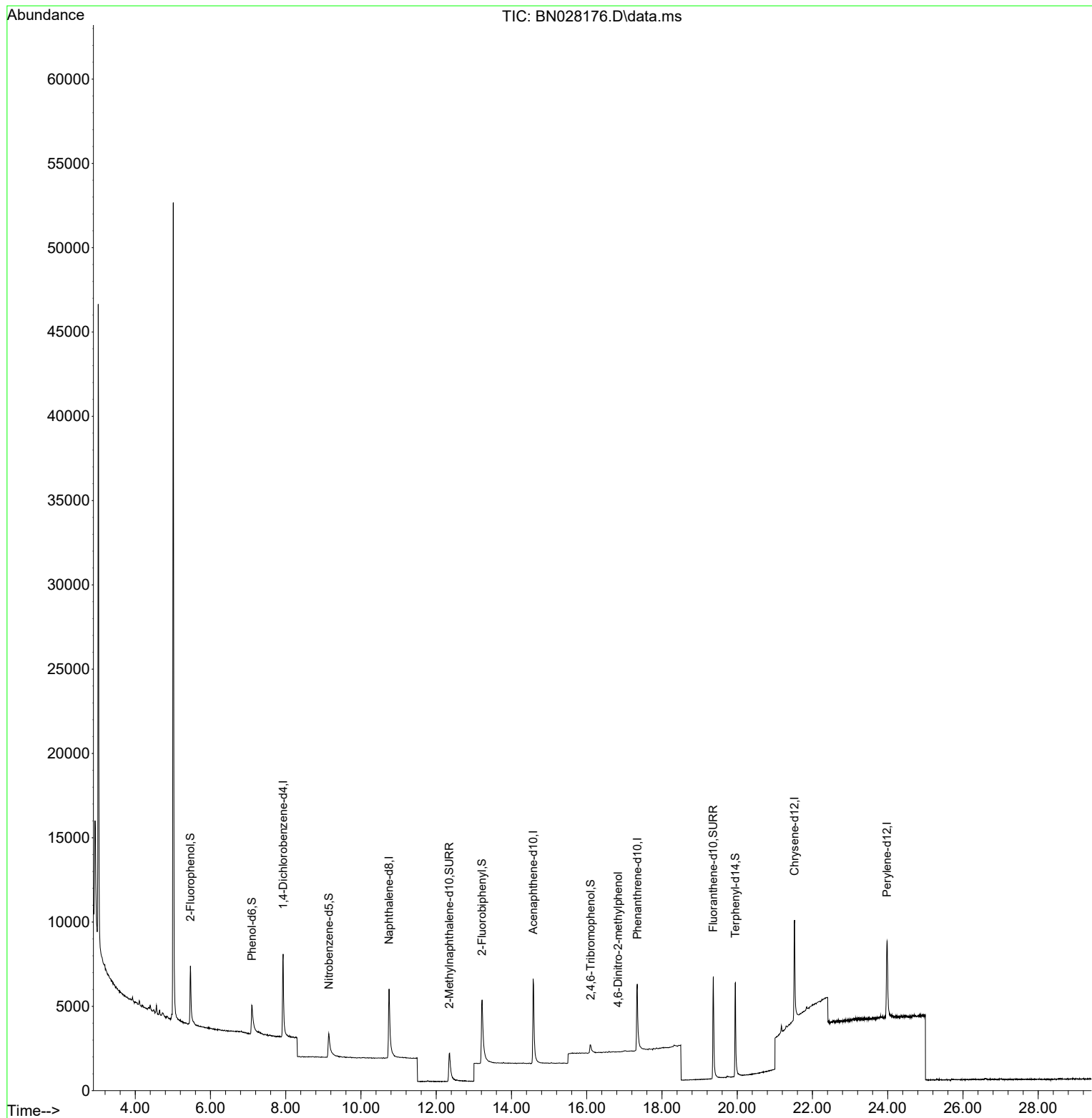
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3367	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9339	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	4695	0.400	ng	0.01
19) Phenanthrene-d10	17.343	188	9028	0.400	ng	0.02
29) Chrysene-d12	21.524	240	7867	0.400	ng	0.00
35) Perylene-d12	23.981	264	8139	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3768	0.375	ng	0.00
5) Phenol-d6	7.098	99	3625	0.286	ng	0.00
8) Nitrobenzene-d5	9.144	82	2691	0.339	ng	0.02
11) 2-Methylnaphthalene-d10	12.351	152	5350	0.387	ng	0.03
14) 2,4,6-Tribromophenol	16.102	330	501	0.233	ng	0.02
15) 2-Fluorobiphenyl	13.219	172	6326	0.374	ng	0.03
27) Fluoranthene-d10	19.365	212	9843	0.434	ng	0.00
31) Terphenyl-d14	19.950	244	7914	0.431	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.835	198	4	0.033	ng	Qvalue # 56

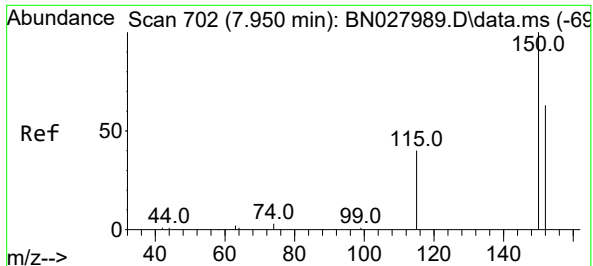
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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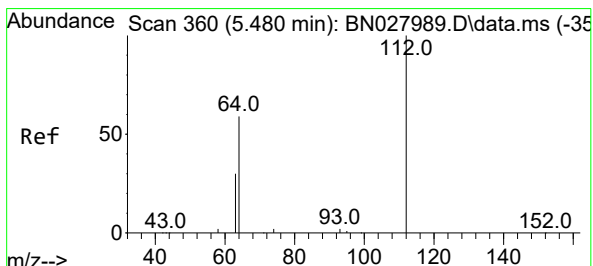
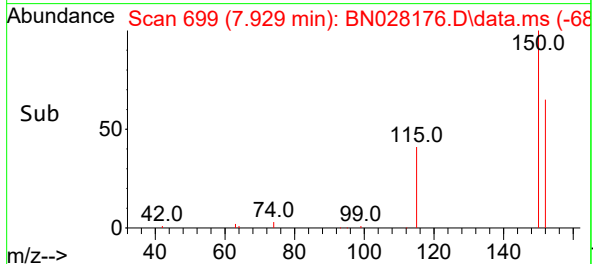
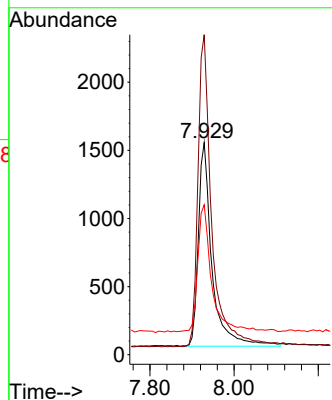
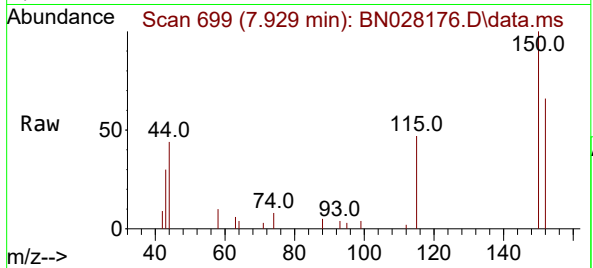




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

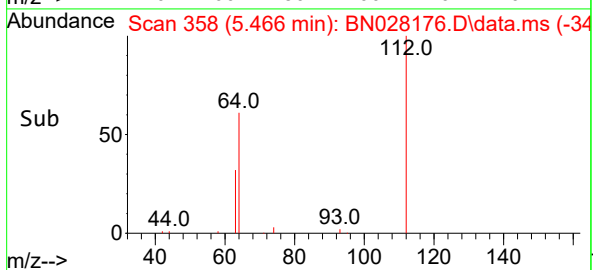
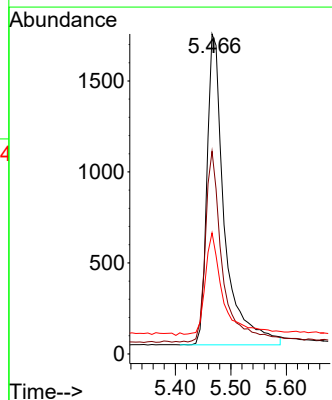
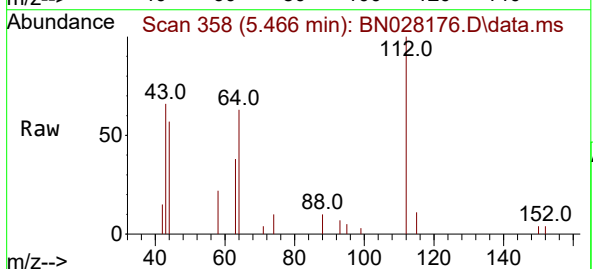
Instrument :
BNA_N
ClientSampleId :
PB156179BL

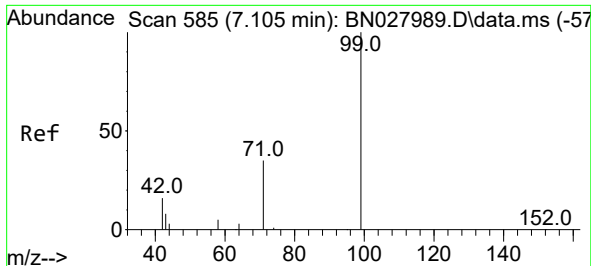
Tgt Ion:152 Resp: 3367
Ion Ratio Lower Upper
152 100
150 150.9 125.6 188.4
115 70.7 54.8 82.2



#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.000 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion:112 Resp: 3768
Ion Ratio Lower Upper
112 100
64 59.4 45.0 67.6
63 34.2 23.4 35.0

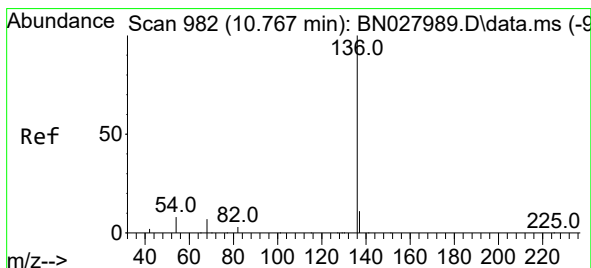
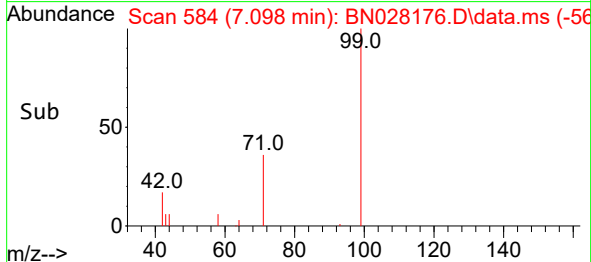
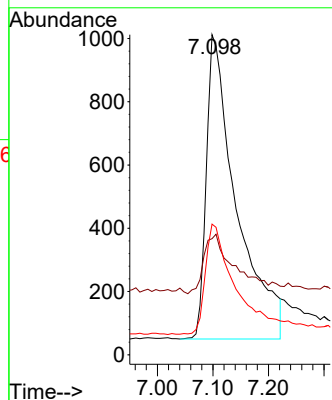
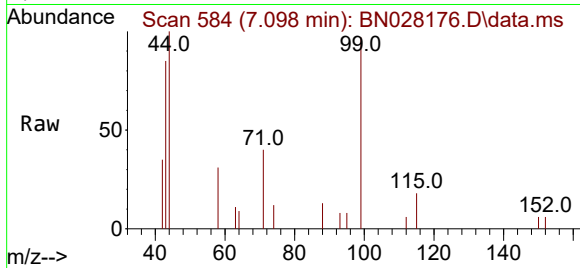




#5
Phenol-d6
Concen: 0.286 ng
RT: 7.098 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

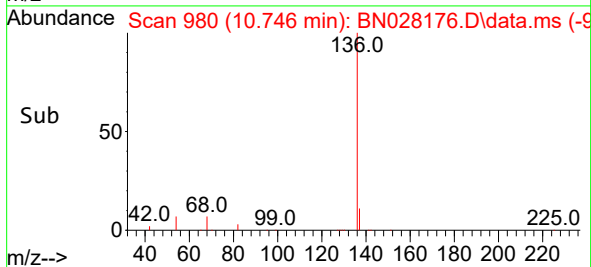
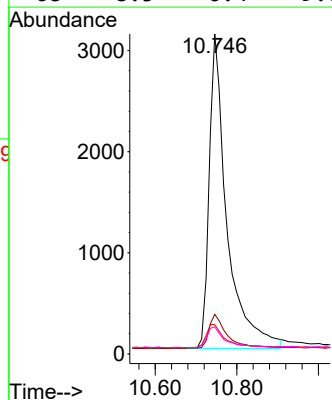
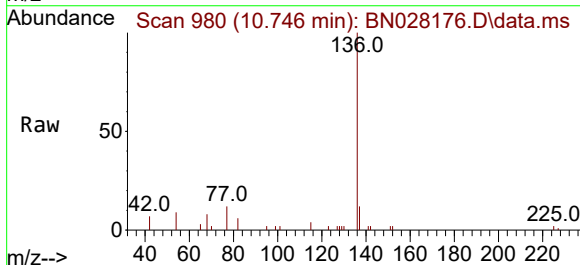
Instrument :
BNA_N
ClientSampleId :
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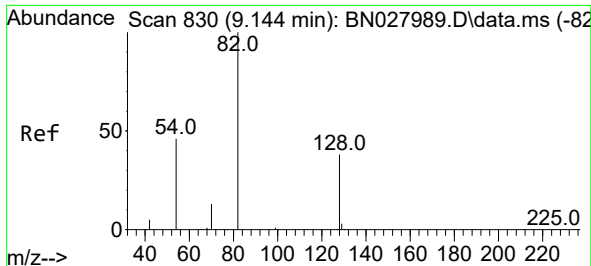
Tgt Ion: 99 Resp: 3625
Ion Ratio Lower Upper
99 100
42 21.0 14.6 22.0
71 36.1 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion: 136 Resp: 9339
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 9.1 7.0 10.6
68 8.5 6.4 9.6

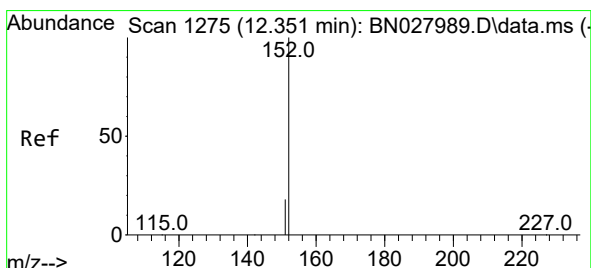
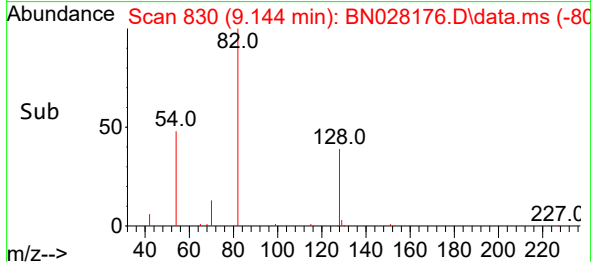
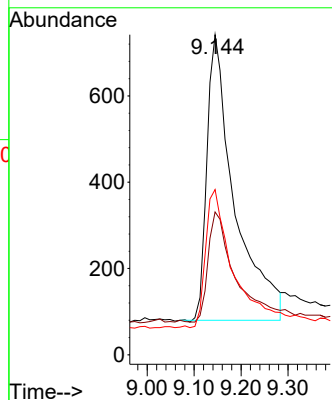
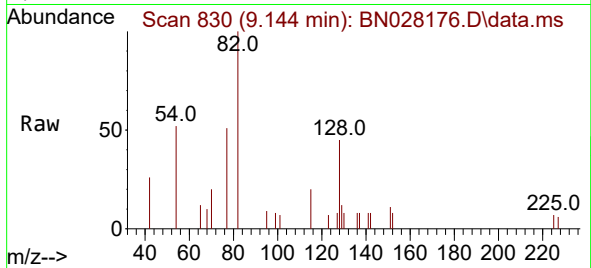




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

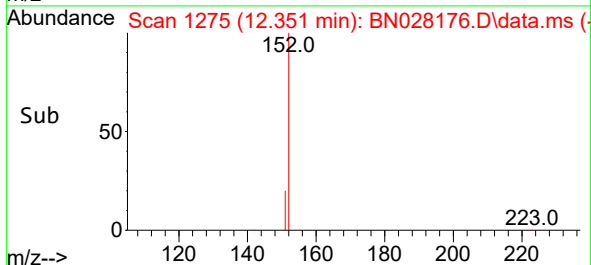
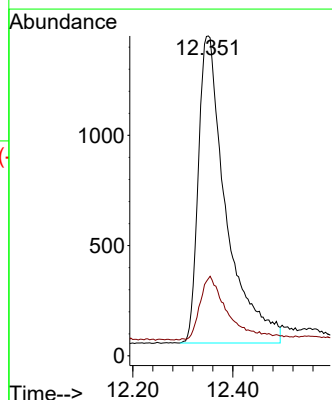
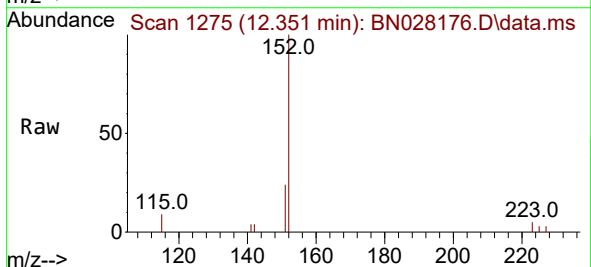
Instrument :
BNA_N
ClientSampleId :
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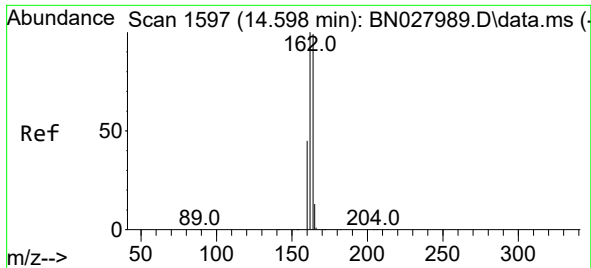
Tgt Ion: 82 Resp: 2691
Ion Ratio Lower Upper
82 100
128 44.6 32.7 49.1
54 51.6 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.351 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion: 152 Resp: 5350
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7

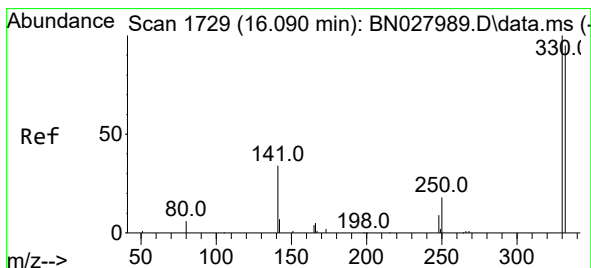
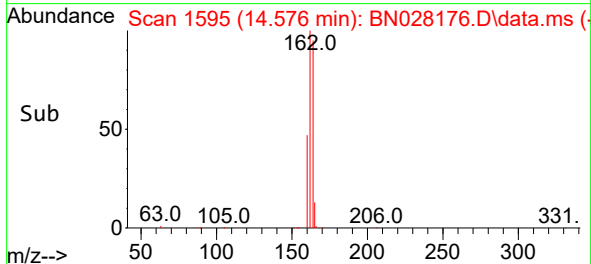
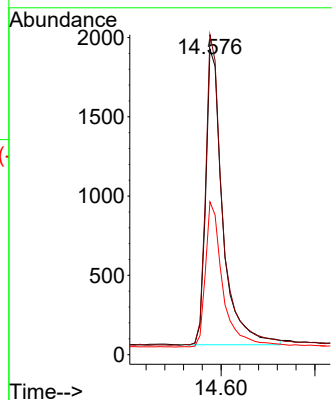
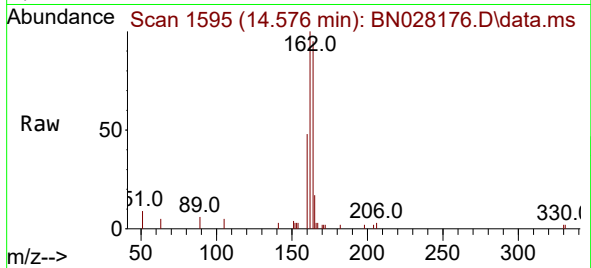




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

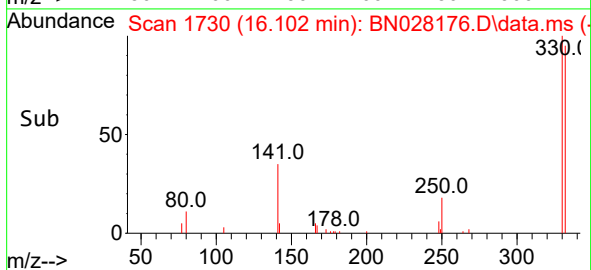
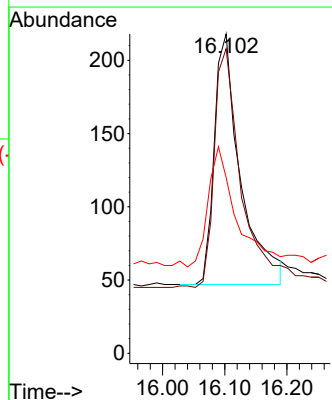
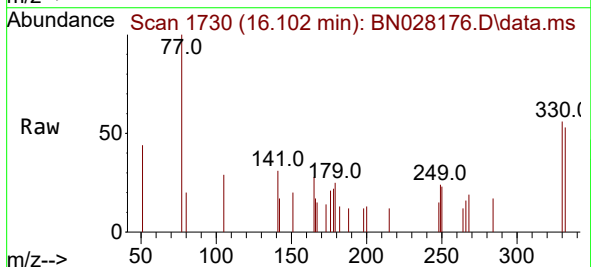
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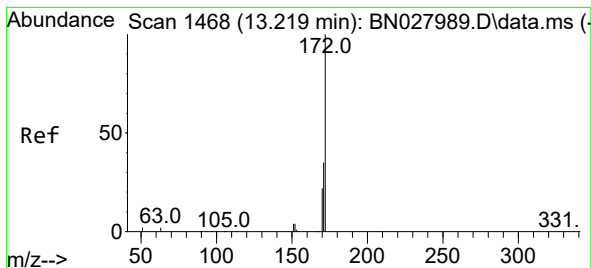
Tgt Ion:164 Resp: 4695
Ion Ratio Lower Upper
164 100
162 104.7 80.8 121.2
160 50.0 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 16.102 min Scan# 1730
Delta R.T. 0.025 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion:330 Resp: 501
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 50.3 33.4 50.2#

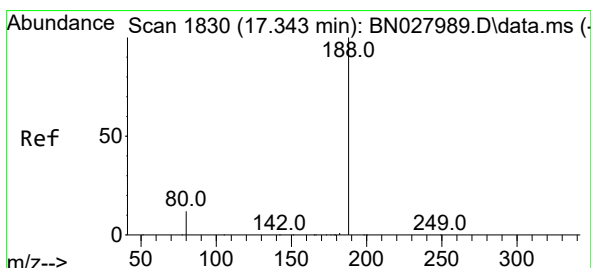
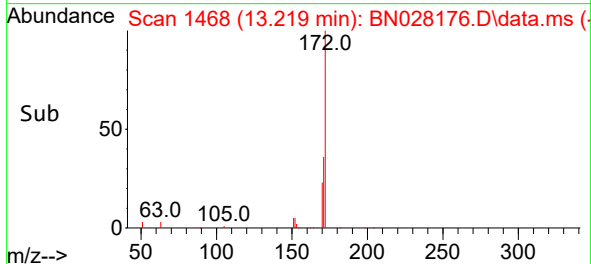
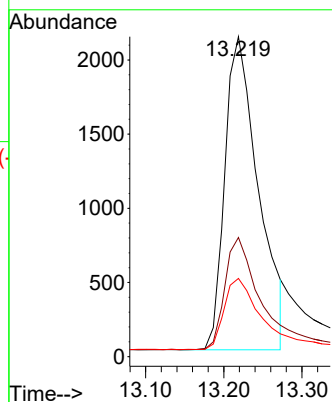
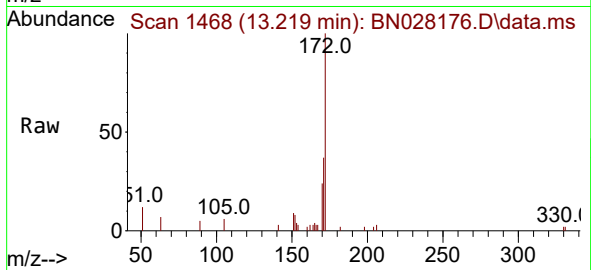




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 13.219 min Scan# 1468
Delta R.T. 0.032 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

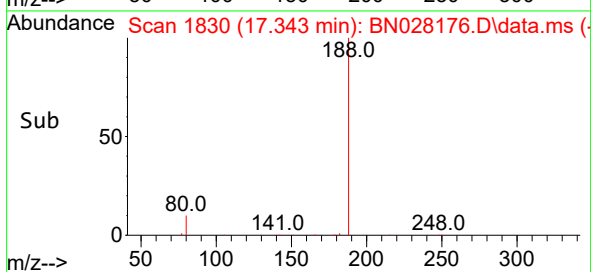
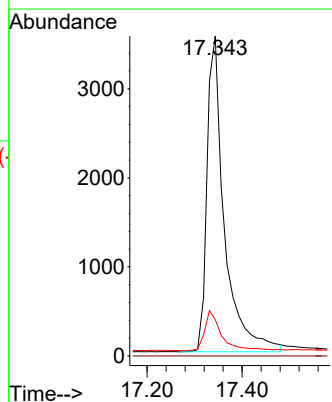
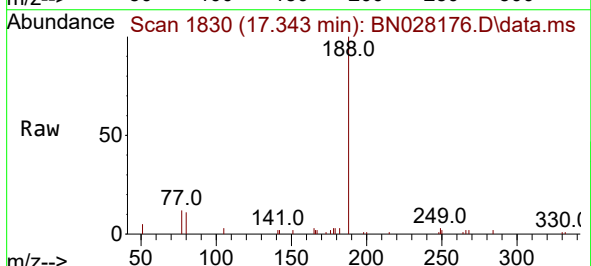
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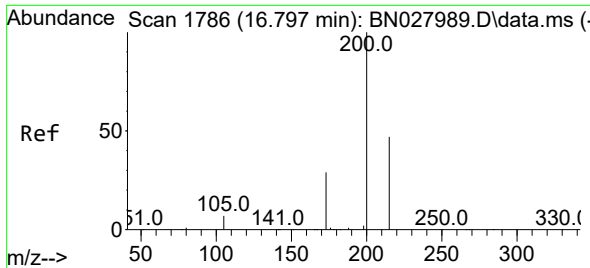
Tgt Ion:172 Resp: 6326
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.4 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.343 min Scan# 1830
Delta R.T. 0.025 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion:188 Resp: 9028
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 10.2 15.4

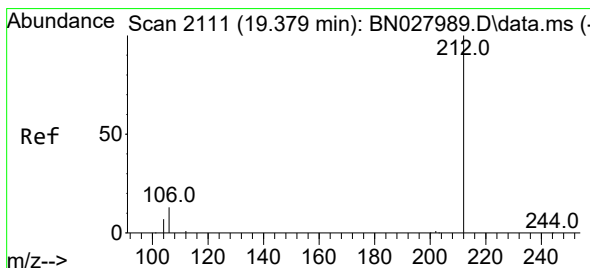
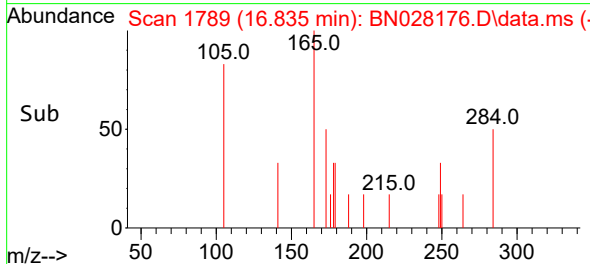
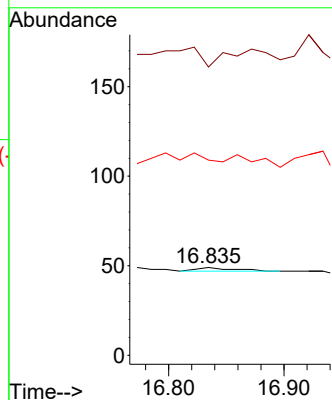
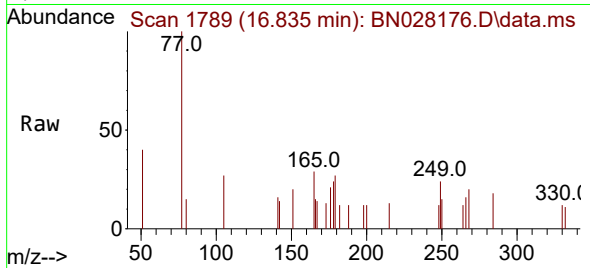




#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 16.835 min Scan# 11
Delta R.T. 0.050 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

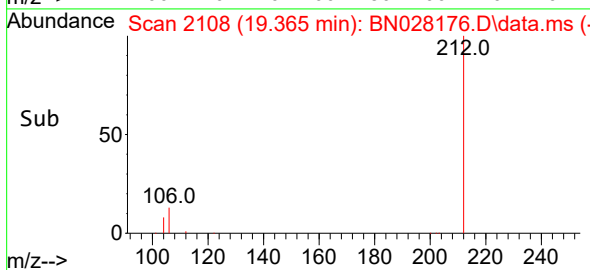
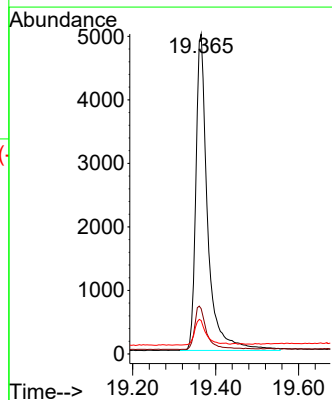
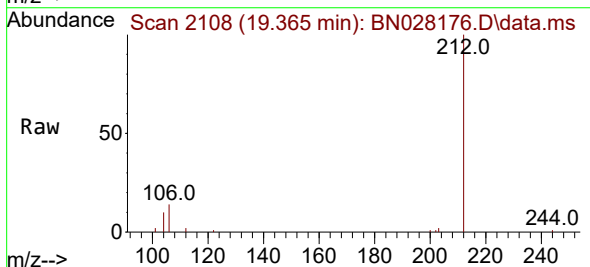
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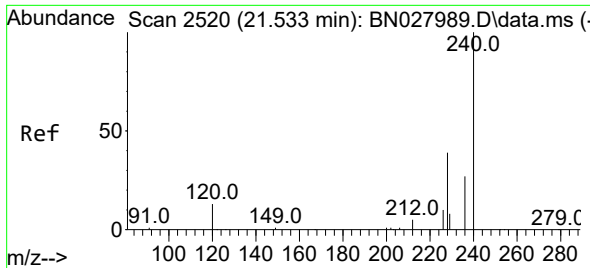
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 328.6 180.7 271.1#
105 222.4 222.2 333.2



#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.365 min Scan# 2108
Delta R.T. 0.009 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion:212 Resp: 9843
Ion Ratio Lower Upper
212 100
106 13.9 11.3 16.9
104 8.2 6.4 9.6

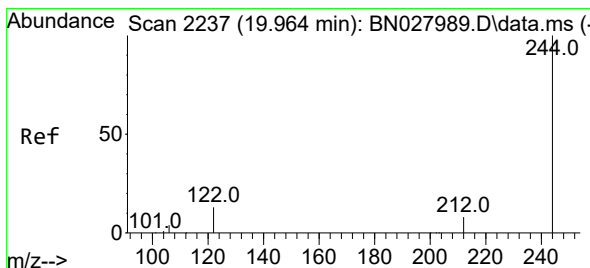
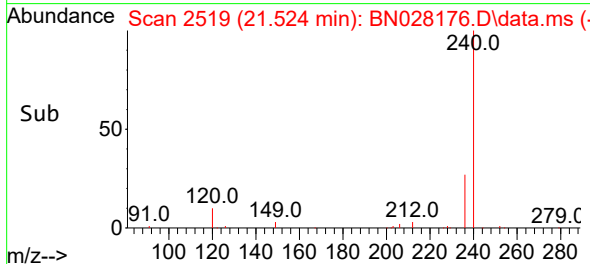
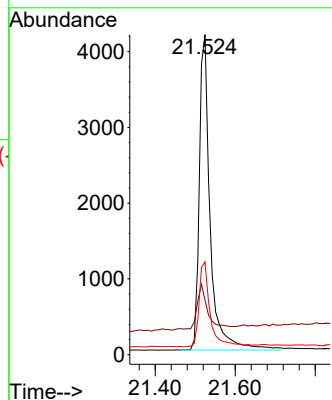
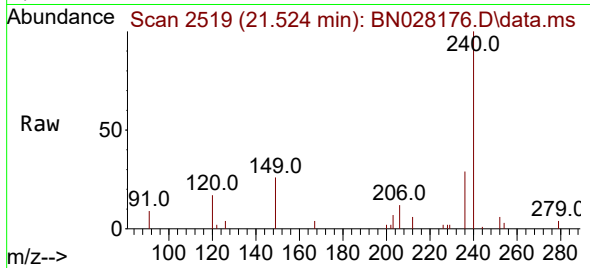




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

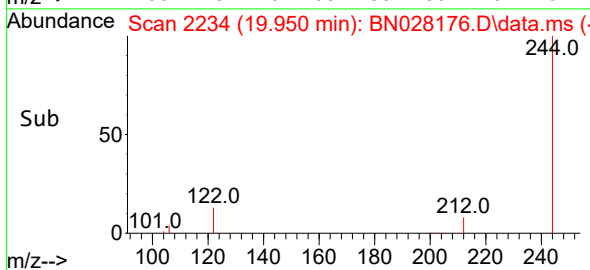
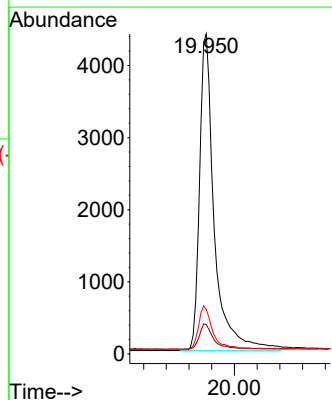
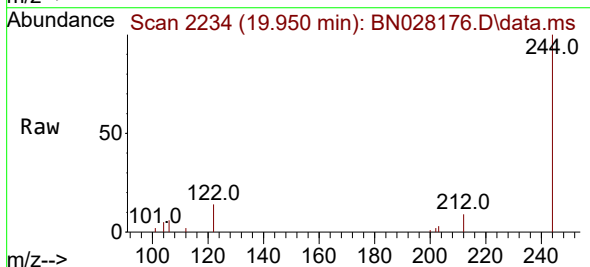
Instrument :
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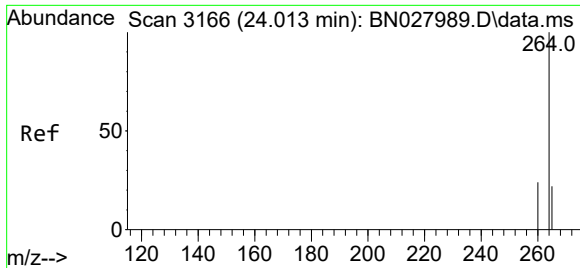
Tgt Ion:240 Resp: 7867
Ion Ratio Lower Upper
240 100
120 17.1 13.8 20.6
236 29.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.950 min Scan# 2234
Delta R.T. 0.009 min
Lab File: BN028176.D
Acq: 10 Oct 2023 01:26

Tgt Ion:244 Resp: 7914
Ion Ratio Lower Upper
244 100
212 9.2 6.6 9.8
122 13.9 11.4 17.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.981 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN028176.D
 Acq: 10 Oct 2023 01:26

Instrument :
 BNA_N
 ClientSampleId :
 PB156179BL

Tgt Ion:264	Resp:	8139
Ion	Ratio	Lower Upper
264	100	
260	25.8	20.2 30.4
265	103.7	54.8 82.2#

