

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
 Data File : BN029049.D
 Acq On : 05 Dec 2023 23:38
 Operator : MA/JU
 Sample : PB157456BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157456BL

Quant Time: Dec 06 01:20:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	939	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	1825	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	1463	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3964	0.400	ng	0.00
29) Chrysene-d12	21.347	240	3078	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	2964	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	646	0.304	ng	0.00
5) Phenol-d6	6.988	99	682	0.269	ng	0.00
8) Nitrobenzene-d5	8.950	82	684	0.311	ng	0.01
11) 2-Methylnaphthalene-d10	12.147	152	1094	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	197	0.122	ng	0.01
15) 2-Fluorobiphenyl	13.028	172	2522	0.333	ng	0.00
27) Fluoranthene-d10	19.185	212	4135	0.332	ng	0.00
31) Terphenyl-d14	19.794	244	2804	0.360	ng	0.00

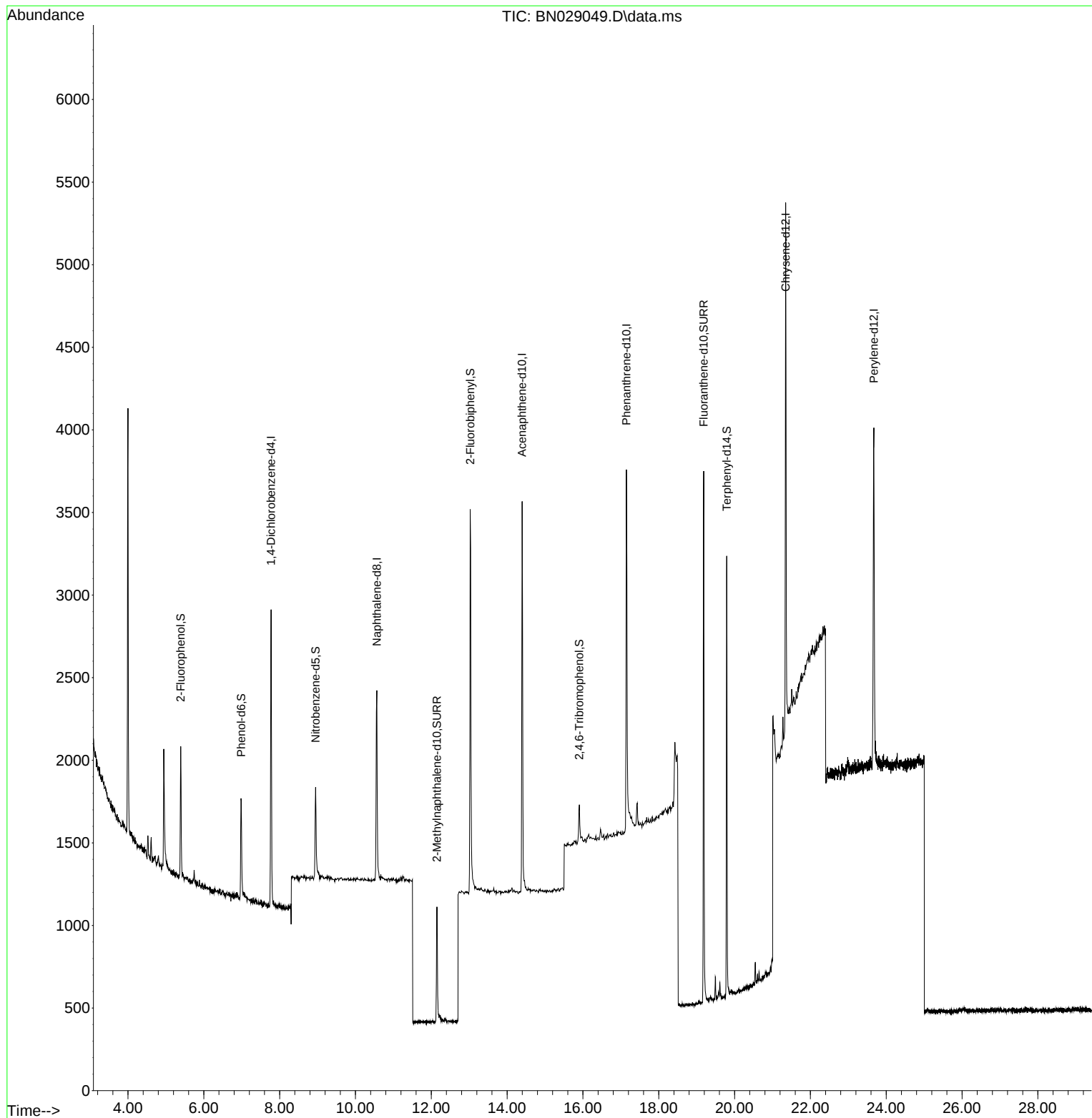
Target Compounds	Qvalue

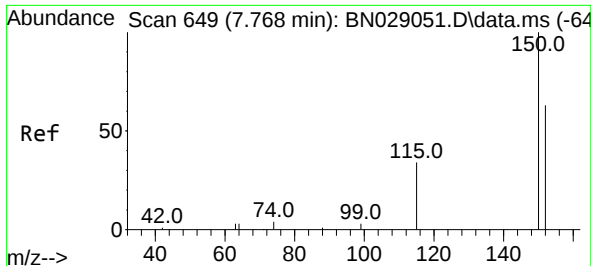
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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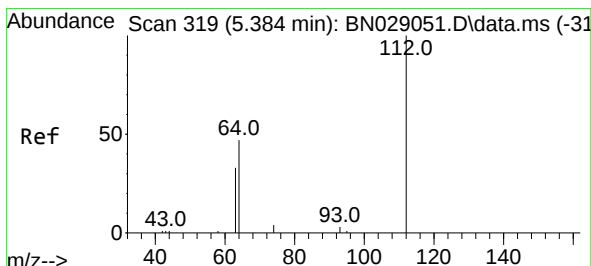
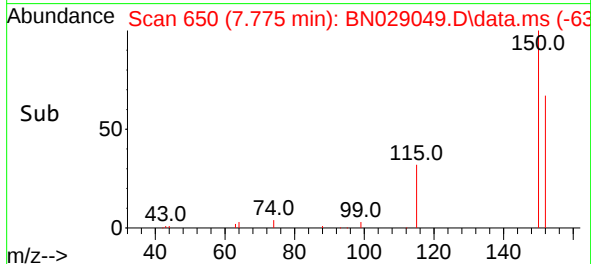
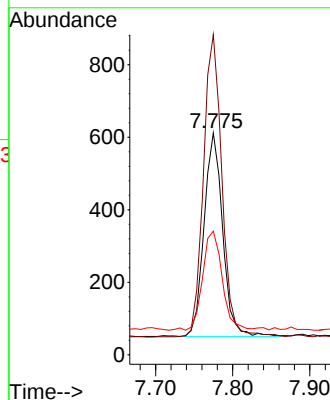
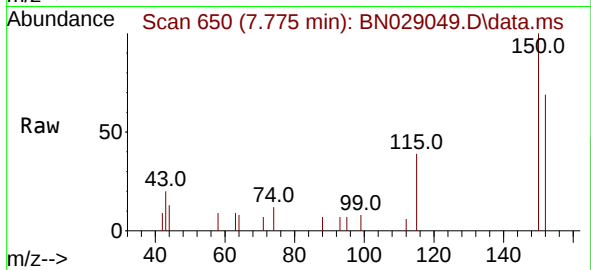




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN029049.D
 Acq: 05 Dec 2023 23:38

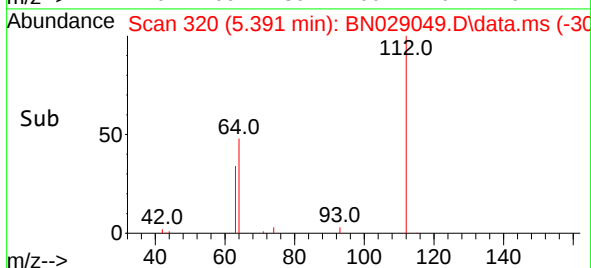
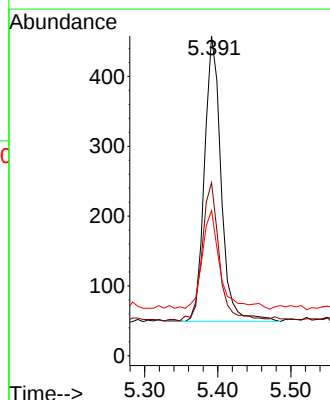
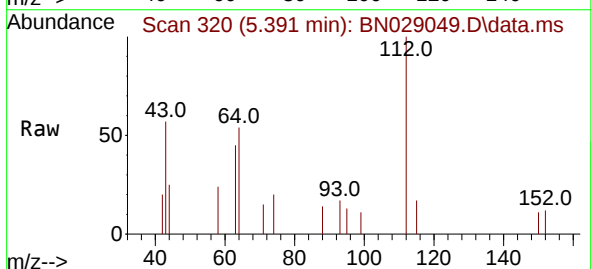
Instrument :
 BNA_N
 ClientSampleId :
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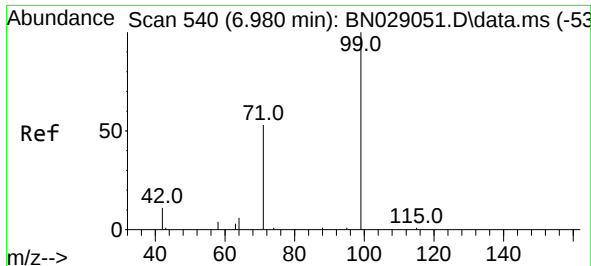
Tgt Ion:152 Resp: 939
 Ion Ratio Lower Upper
 152 100
 150 144.3 116.2 174.4
 115 55.7 45.1 67.7



#4
 2-Fluorophenol
 Concen: 0.304 ng
 RT: 5.391 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: BN029049.D
 Acq: 05 Dec 2023 23:38

Tgt Ion:112 Resp: 646
 Ion Ratio Lower Upper
 112 100
 64 50.2 37.0 55.6
 63 36.7 29.0 43.6

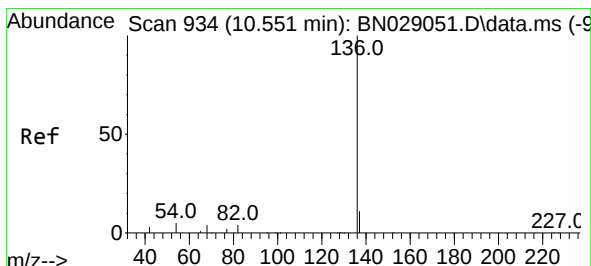
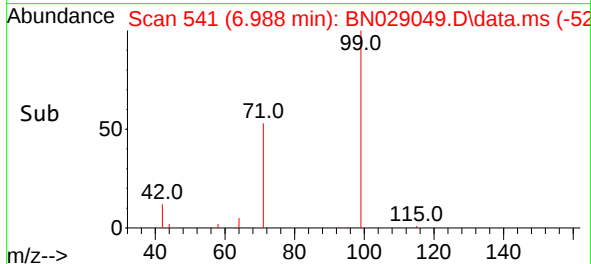
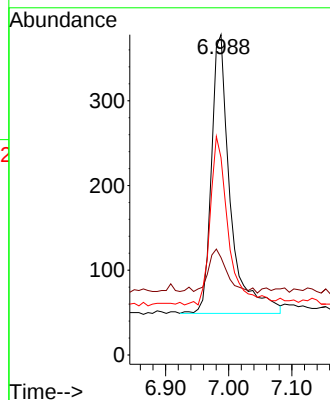
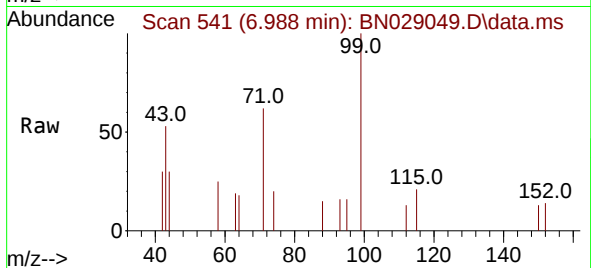




#5
Phenol-d6
Concen: 0.269 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

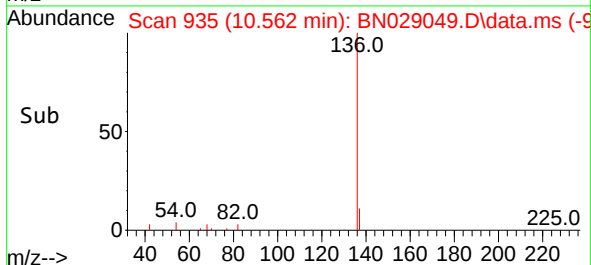
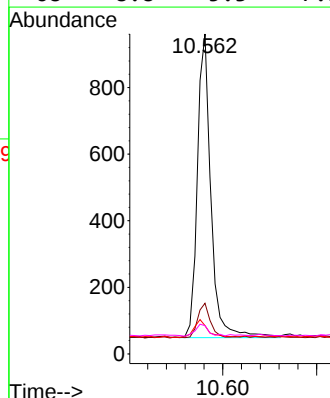
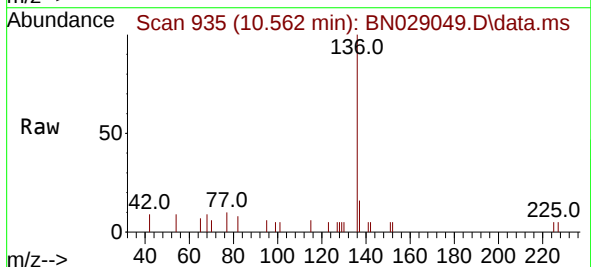
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BNA_N
ClientSampleId :
PB157456BL

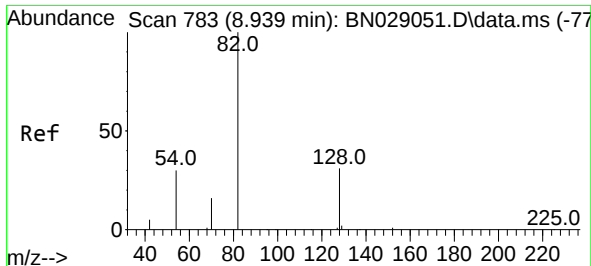
Tgt Ion: 99 Resp: 682
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 58.4 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

Tgt Ion: 136 Resp: 1825
Ion Ratio Lower Upper
136 100
137 15.8 11.9 17.9
54 8.8 6.4 9.6
68 8.8 5.3 7.9#

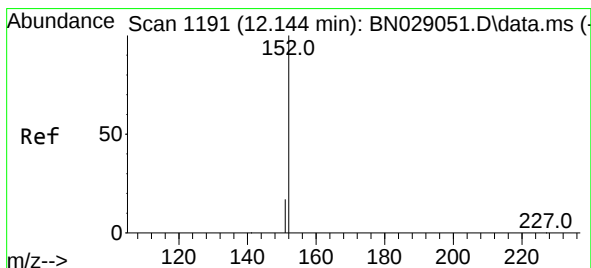
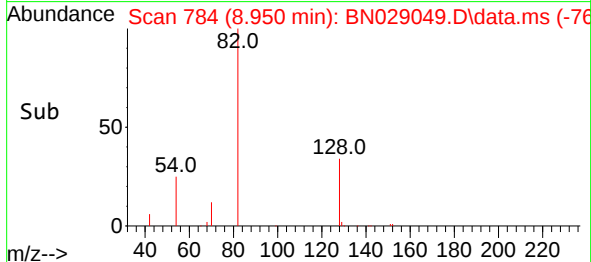
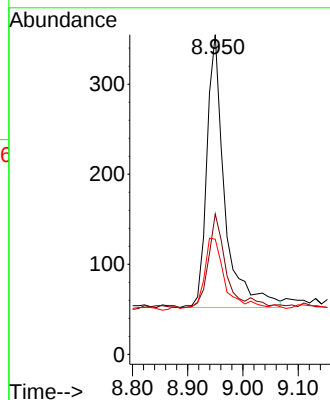
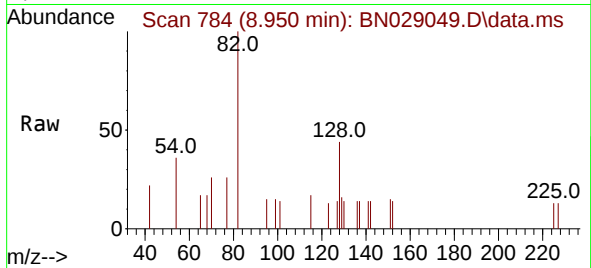




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.950 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

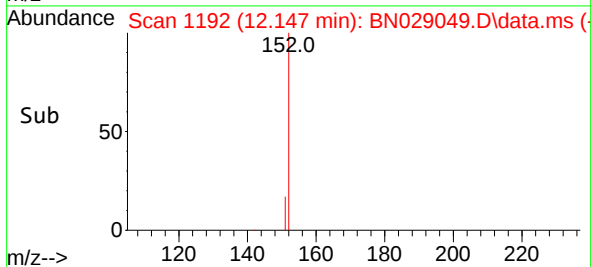
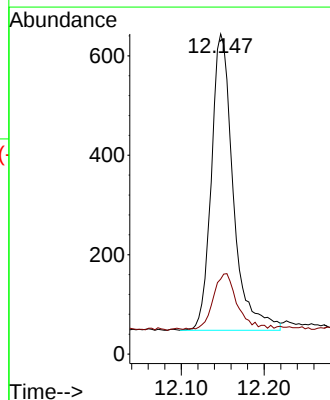
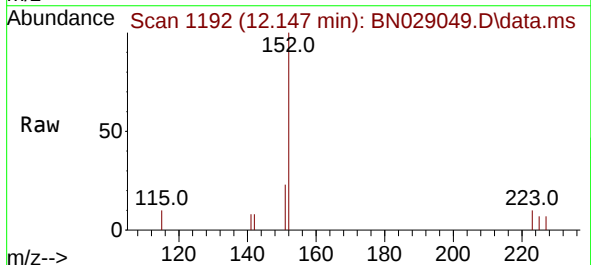
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ClientSampleId :
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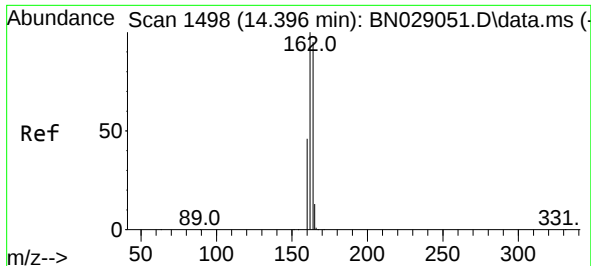
Tgt Ion: 82 Resp: 684
Ion Ratio Lower Upper
82 100
128 43.9 28.2 42.4#
54 36.1 32.1 48.1



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.147 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

Tgt Ion:152 Resp: 1094
Ion Ratio Lower Upper
152 100
151 20.3 17.4 26.0

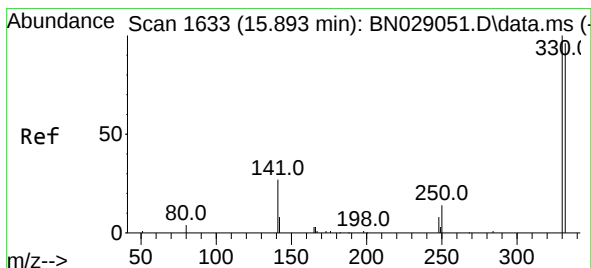
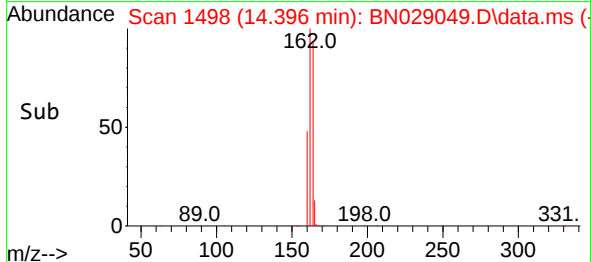
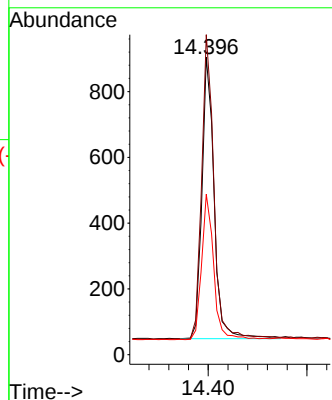
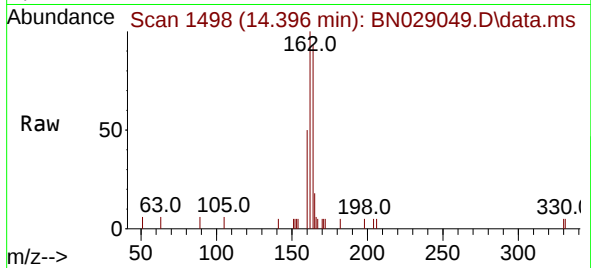




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

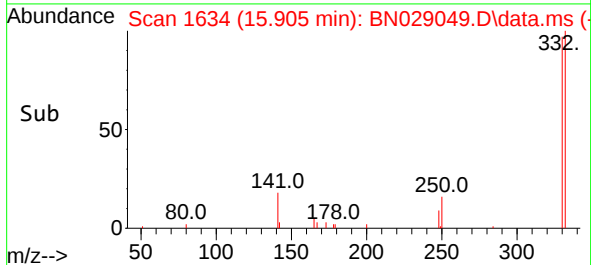
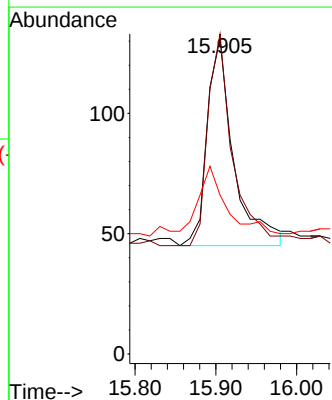
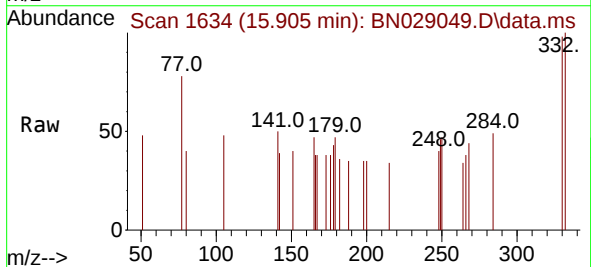
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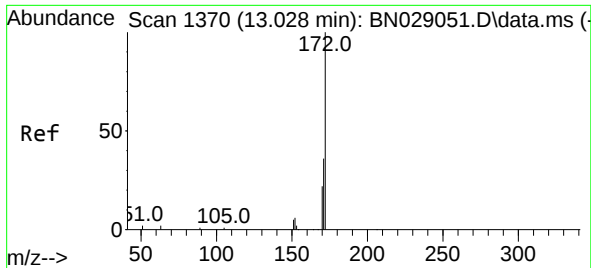
Tgt Ion:164 Resp: 1463
Ion Ratio Lower Upper
164 100
162 107.5 85.0 127.6
160 53.9 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.122 ng
RT: 15.905 min Scan# 1634
Delta R.T. 0.012 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 39.6 28.7 43.1

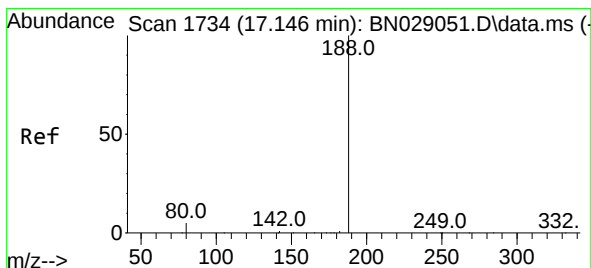
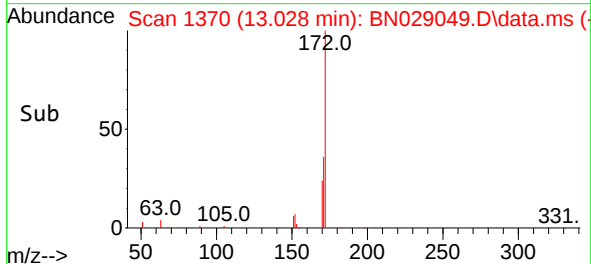
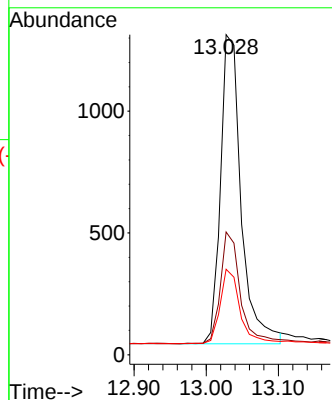
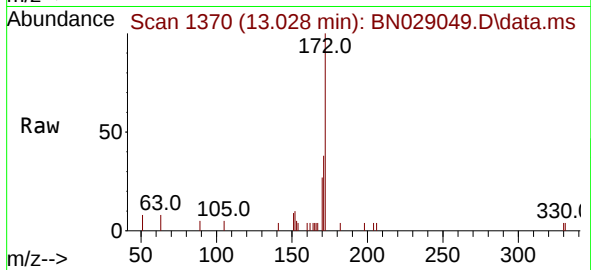




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

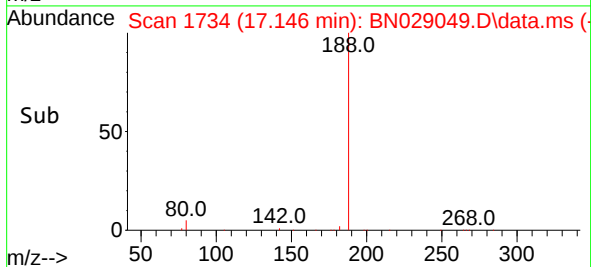
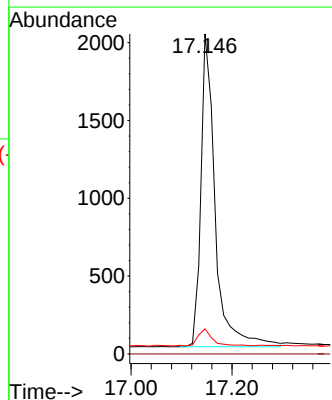
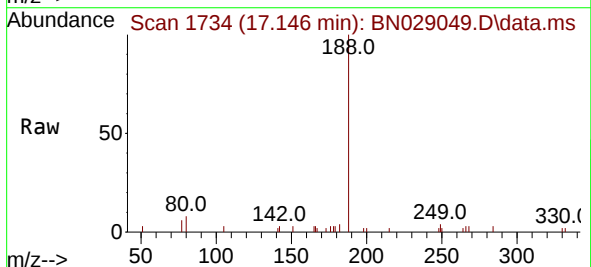
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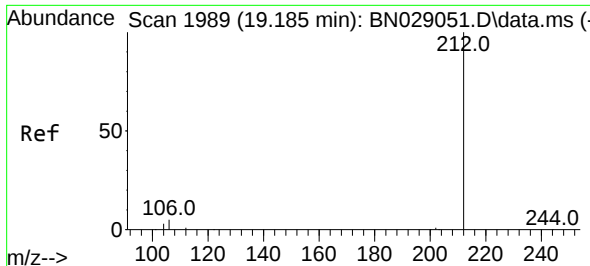
Tgt Ion:172 Resp: 2522
Ion Ratio Lower Upper
172 100
171 38.4 30.1 45.1
170 26.7 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

Tgt Ion:188 Resp: 3964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 5.4 8.0

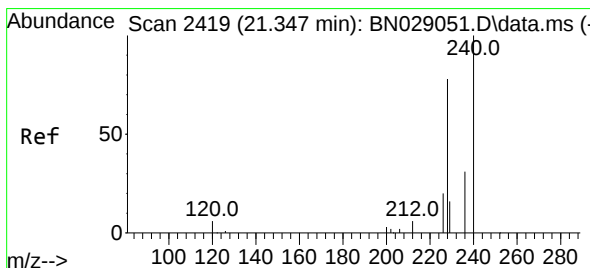
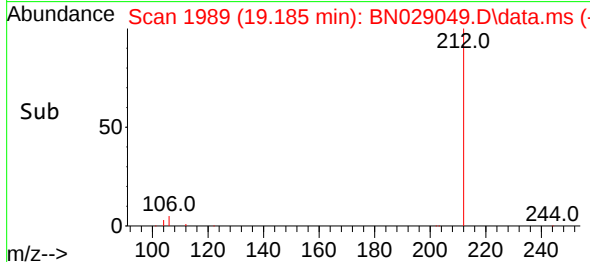
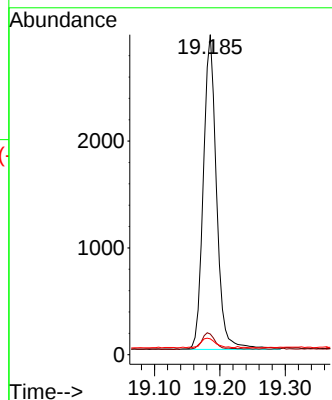
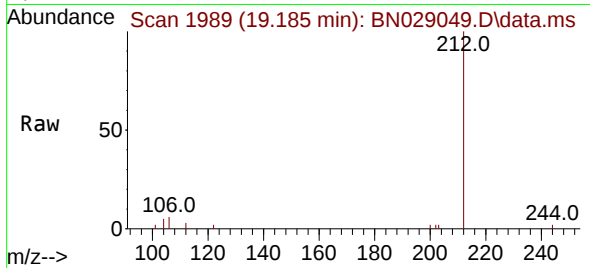




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

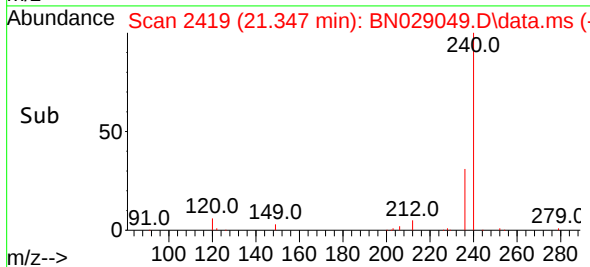
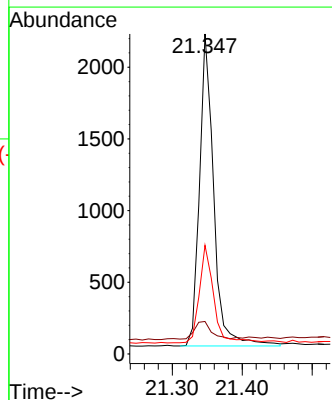
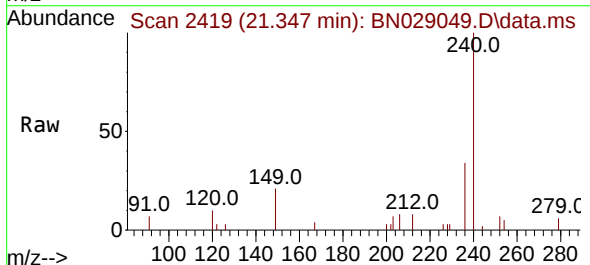
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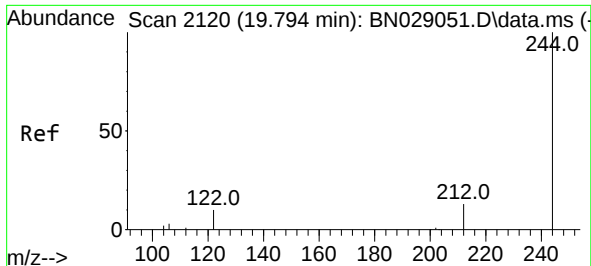
Tgt Ion:212	Resp:	4135
Ion Ratio	Lower	Upper
212	100	
106	5.6	3.9 5.9
104	3.3	2.6 3.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029049.D
Acq: 05 Dec 2023 23:38

Tgt Ion:240	Resp:	3078
Ion Ratio	Lower	Upper
240	100	
120	10.2	6.7 10.1#
236	34.0	25.7 38.5

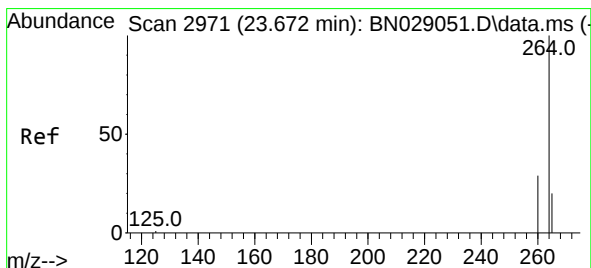
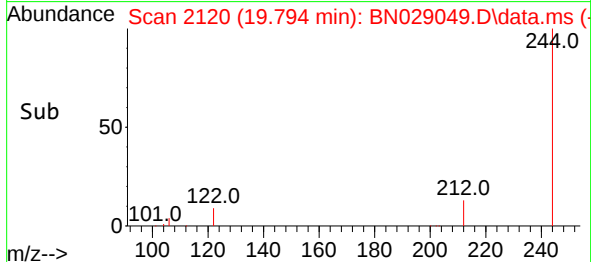
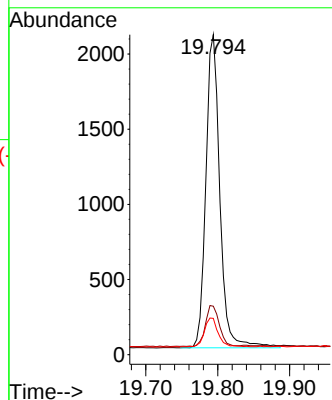
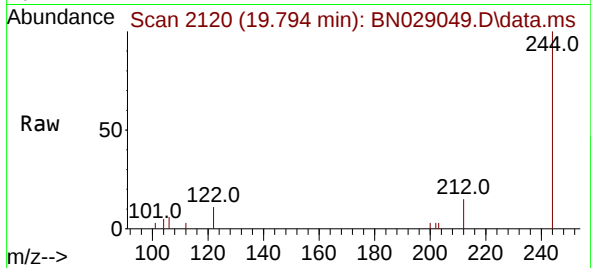




#31
 Terphenyl-d14
 Concen: 0.360 ng
 RT: 19.794 min Scan# 2120
 Delta R.T. -0.000 min
 Lab File: BN029049.D
 Acq: 05 Dec 2023 23:38

Instrument :
 BNA_N
 ClientSampleId :
 PB157456BL

Tgt Ion:244 Resp: 2804
 Ion Ratio Lower Upper
 244 100
 212 15.1 11.6 17.4
 122 11.4 8.2 12.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 2971
 Delta R.T. 0.003 min
 Lab File: BN029049.D
 Acq: 05 Dec 2023 23:38

Tgt Ion:264 Resp: 2964
 Ion Ratio Lower Upper
 264 100
 260 31.6 23.9 35.9
 265 90.4 52.7 79.1#

