

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029149.D
 Acq On : 21 Dec 2023 14:23
 Operator : MA/JU
 Sample : PB157677BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157677BL

Quant Time: Dec 21 14:51:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	936	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1754	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	964	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1737	0.400	ng	0.00
29) Chrysene-d12	21.393	240	758	0.400	ng	0.00
35) Perylene-d12	23.715	264	933	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	641	0.286	ng	0.00
5) Phenol-d6	7.002	99	627	0.255	ng	0.00
8) Nitrobenzene-d5	8.971	82	700	0.306	ng	0.01
11) 2-Methylnaphthalene-d10	12.178	152	870	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	171	0.203	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1733	0.308	ng	0.00
27) Fluoranthene-d10	19.224	212	1117	0.266	ng	0.00
31) Terphenyl-d14	19.833	244	737	0.354	ng	0.00

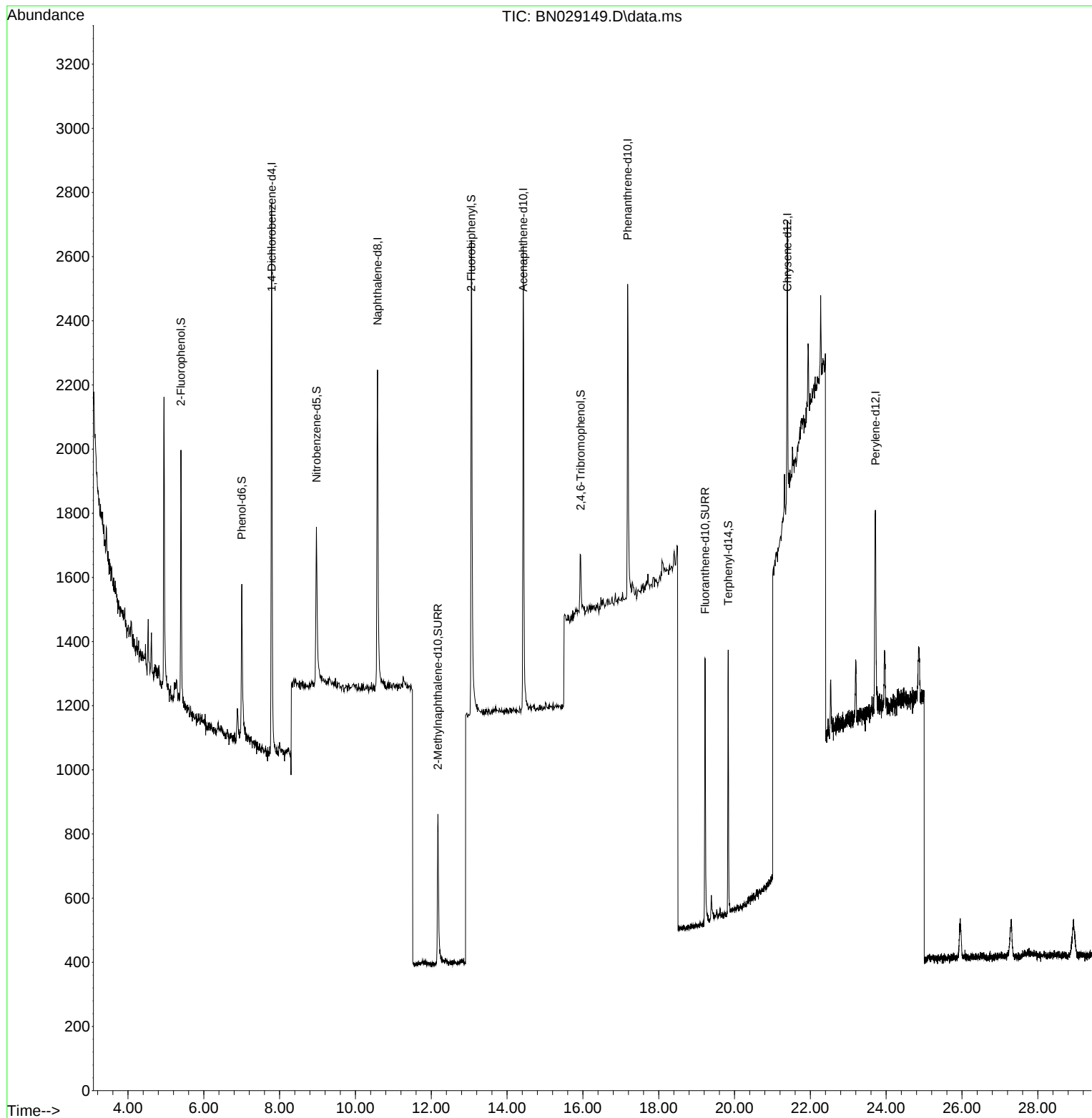
Target Compounds Qvalue

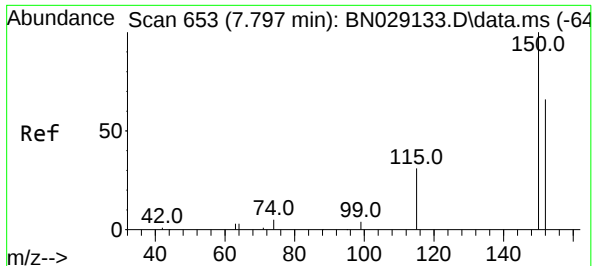
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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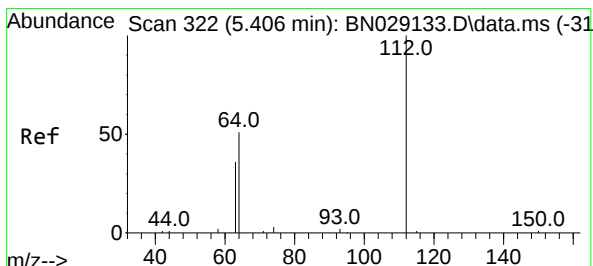
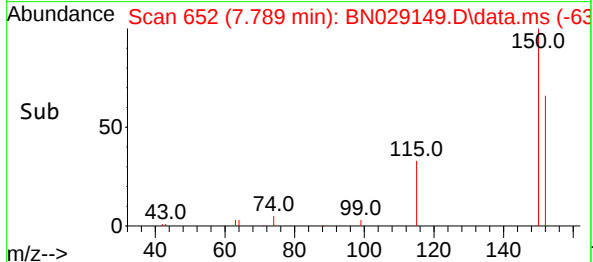
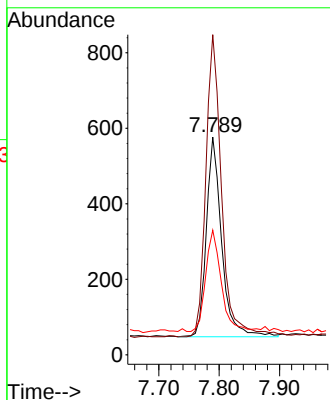
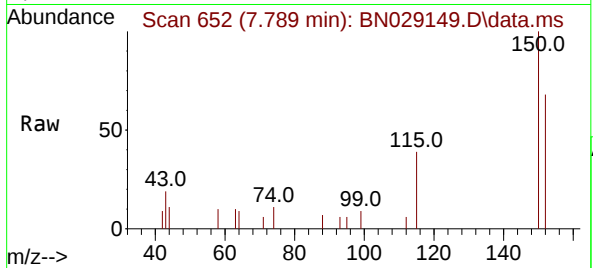




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

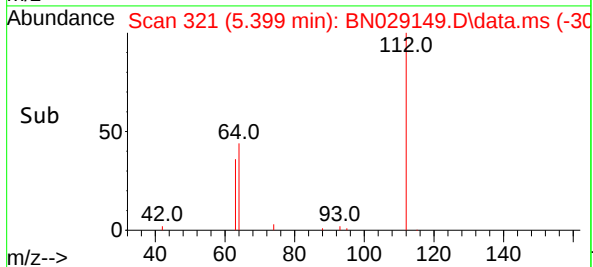
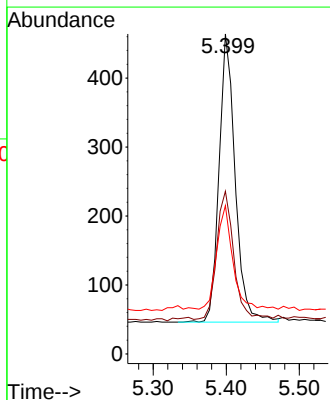
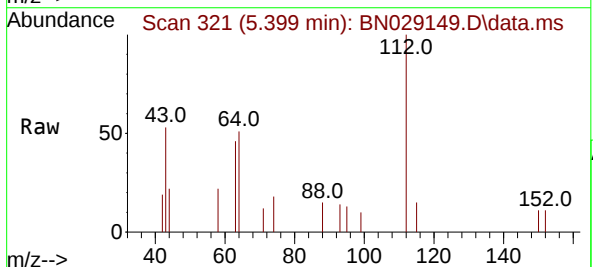
Instrument :
BNA_N
ClientSampleId :
PB157677BL

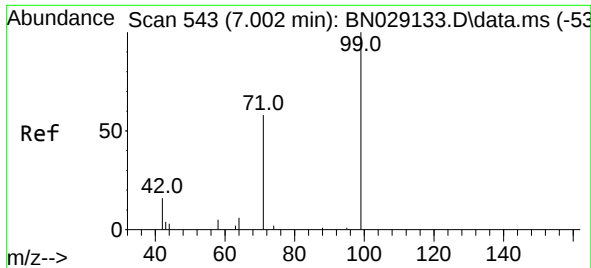
Tgt Ion:152 Resp: 936
Ion Ratio Lower Upper
152 100
150 147.0 117.6 176.4
115 57.2 44.2 66.2



#4
2-Fluorophenol
Concen: 0.286 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

Tgt Ion:112 Resp: 641
Ion Ratio Lower Upper
112 100
64 47.7 38.6 58.0
63 36.2 30.0 45.0

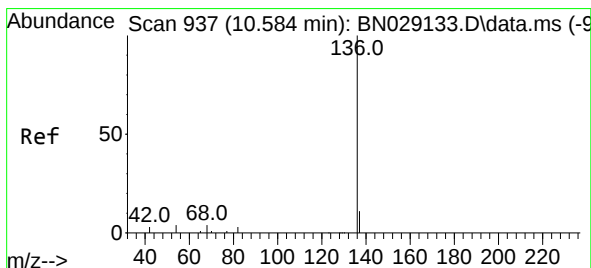
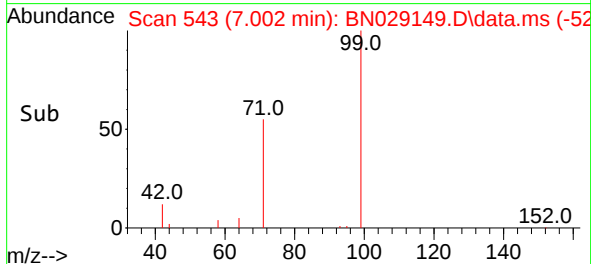
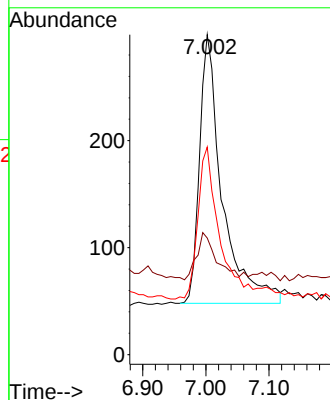
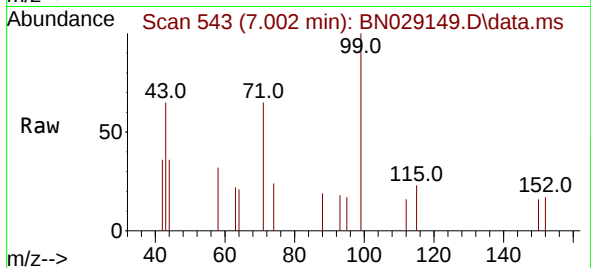




#5
Phenol-d6
Concen: 0.255 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

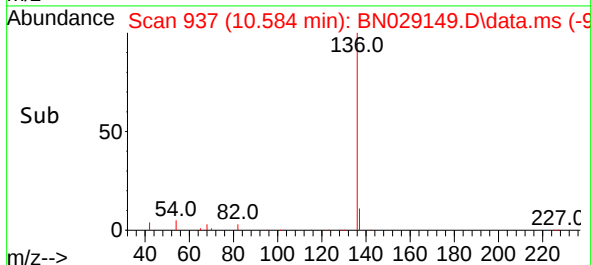
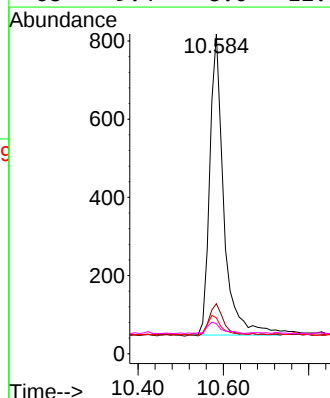
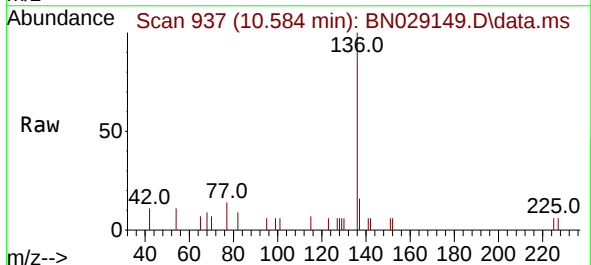
Instrument :
BNA_N
ClientSampleId :
PB157677BL

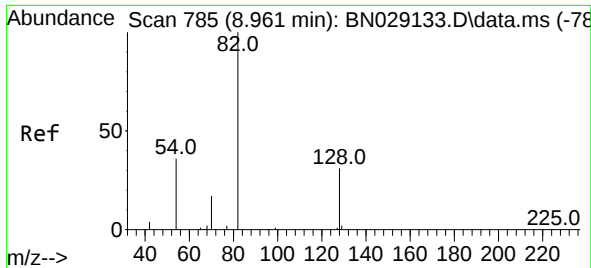
Tgt Ion:	99	Resp:	627
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	53.3	45.4	68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

Tgt Ion:	136	Resp:	1754
Ion	Ratio	Lower	Upper
136	100		
137	15.6	13.4	20.0
54	11.2	8.6	13.0
68	9.4	8.0	12.0

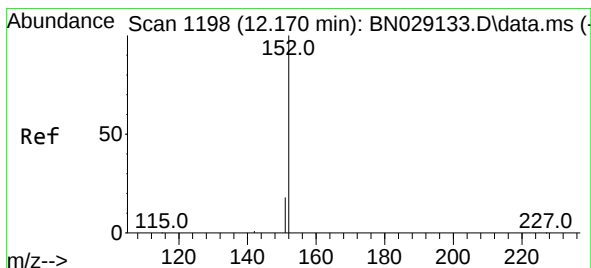
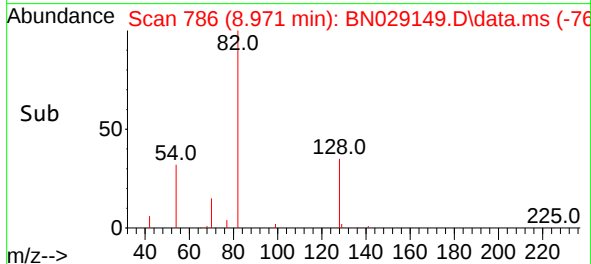
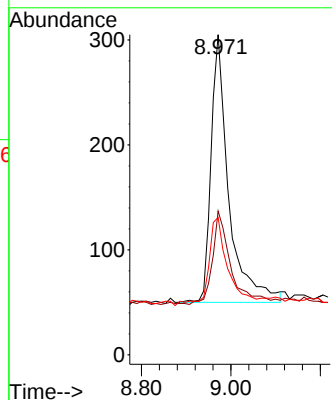
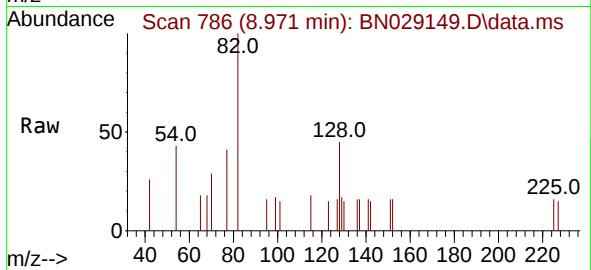




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.971 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

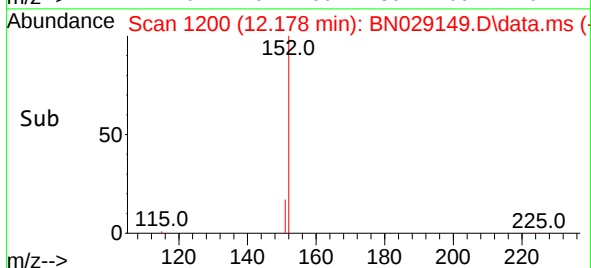
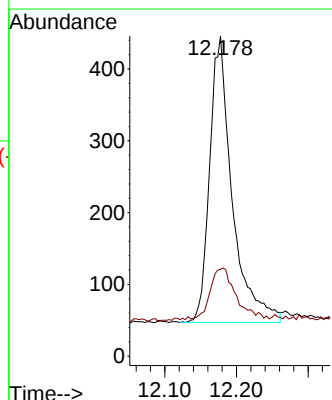
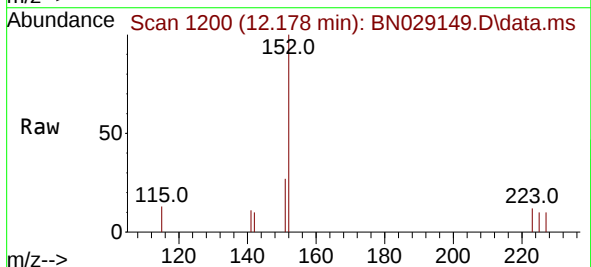
Instrument :
 BNA_N
 ClientSampleId :
 PB157677BL

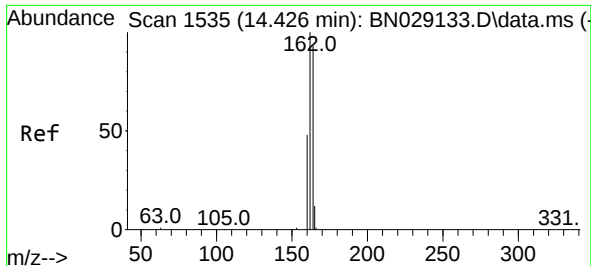
Tgt Ion: 82 Resp: 700
 Ion Ratio Lower Upper
 82 100
 128 44.9 33.0 49.4
 54 43.0 35.8 53.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.327 ng
 RT: 12.178 min Scan# 1200
 Delta R.T. 0.007 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

Tgt Ion: 152 Resp: 870
 Ion Ratio Lower Upper
 152 100
 151 19.7 17.4 26.2

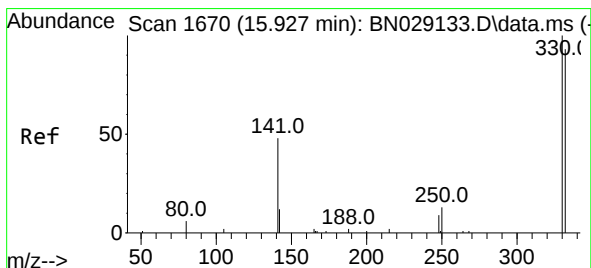
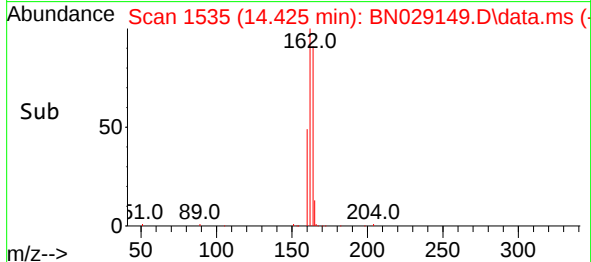
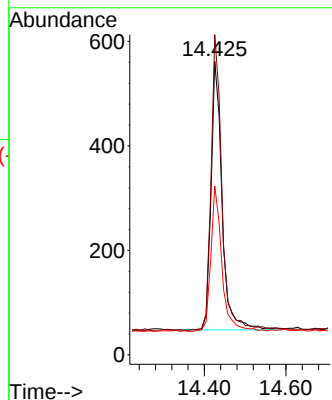
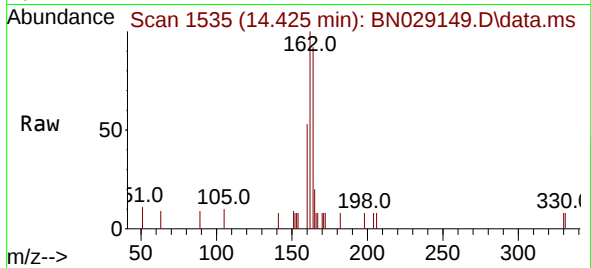




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

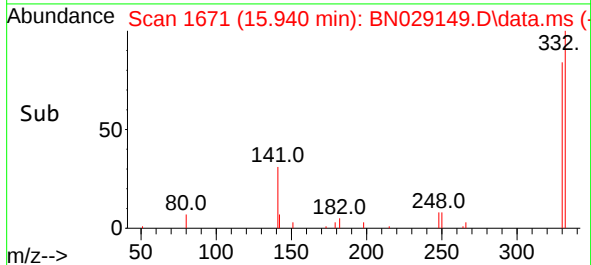
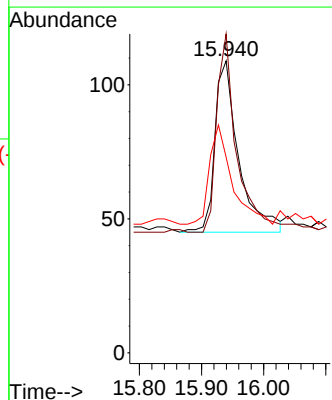
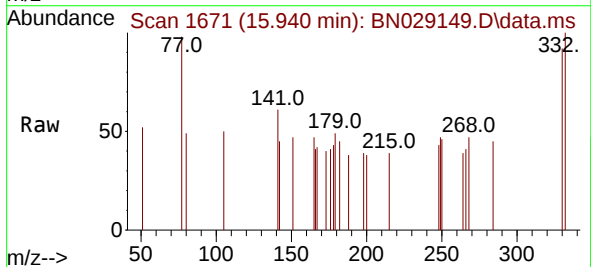
Instrument :
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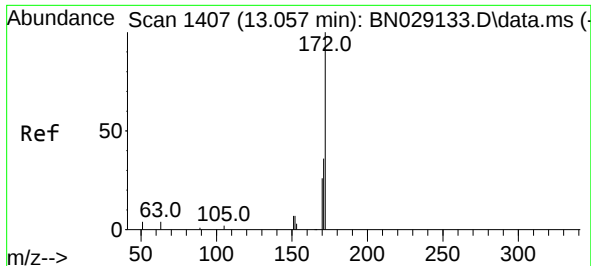
Tgt Ion:164 Resp: 964
Ion Ratio Lower Upper
164 100
162 109.1 85.0 127.4
160 57.5 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

Tgt Ion:330 Resp: 171
Ion Ratio Lower Upper
330 100
332 97.1 83.4 125.0
141 54.4 43.8 65.8

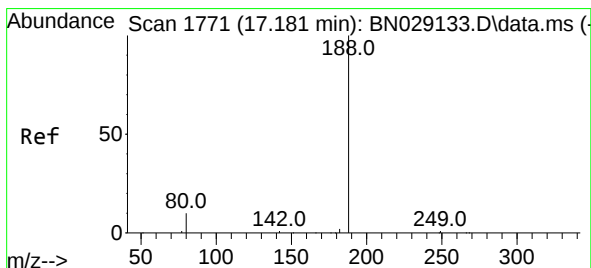
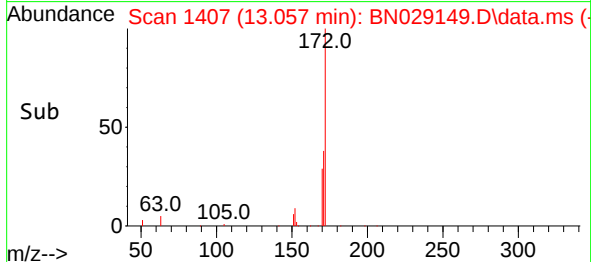
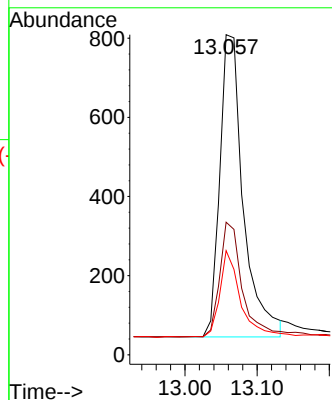
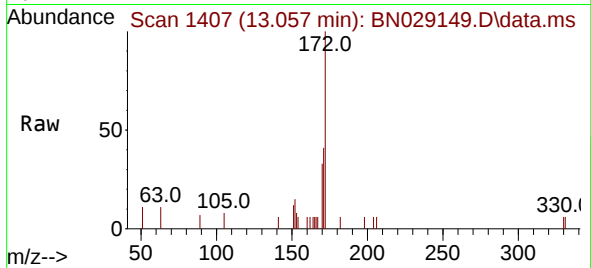




#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

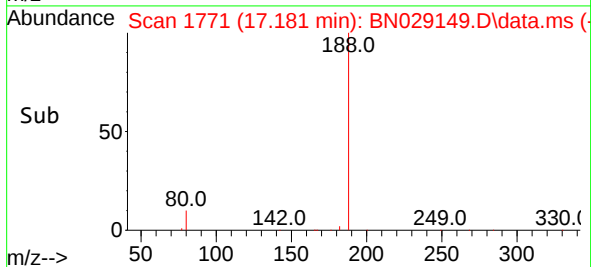
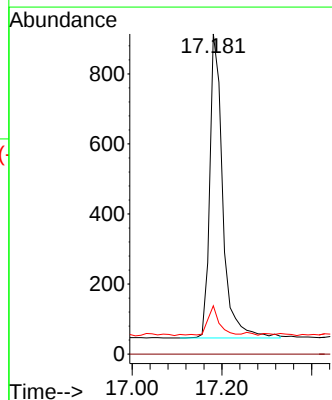
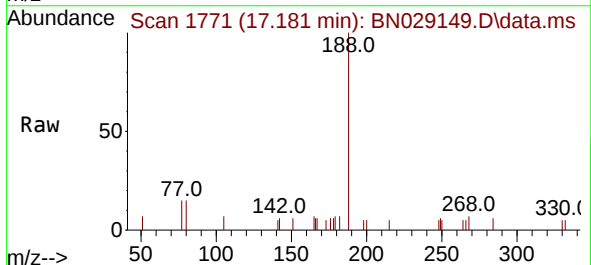
Instrument :
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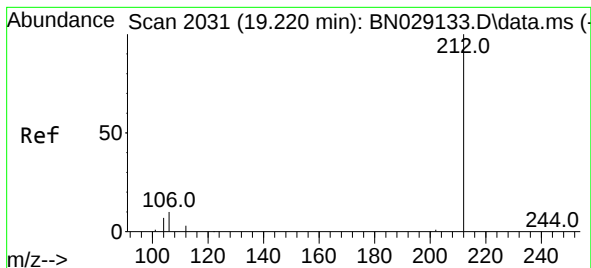
Tgt Ion:	172	Resp:	1733
Ion	Ratio	Lower	Upper
172	100		
171	41.4	32.2	48.4
170	32.5	25.0	37.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

Tgt Ion:	188	Resp:	1737
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	13.7	20.5





#27

Fluoranthene-d10

Concen: 0.266 ng

RT: 19.224 min Scan# 2031

Delta R.T. 0.004 min

Lab File: BN029149.D

Acq: 21 Dec 2023 14:23

Instrument :

BNA_N

ClientSampleId :

PB157677BL

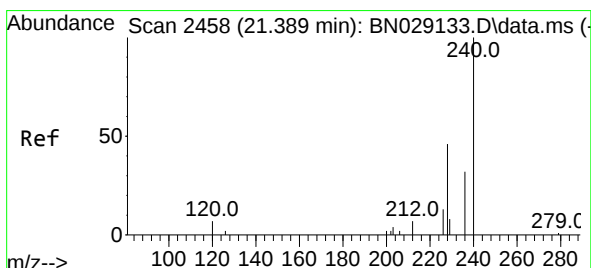
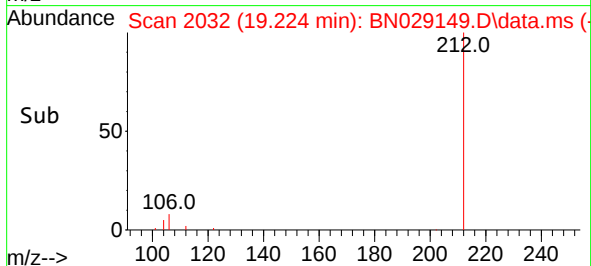
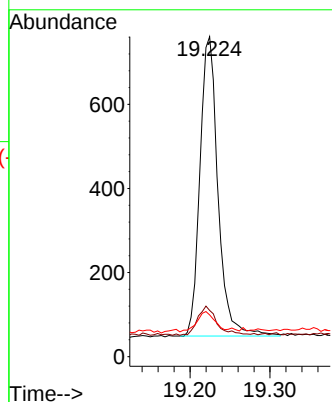
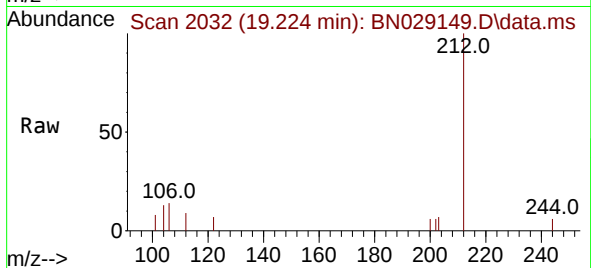
Tgt Ion:212 Resp: 1117

Ion Ratio Lower Upper

212 100

106 10.2 9.6 14.4

104 6.8 6.5 9.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 2459

Delta R.T. 0.004 min

Lab File: BN029149.D

Acq: 21 Dec 2023 14:23

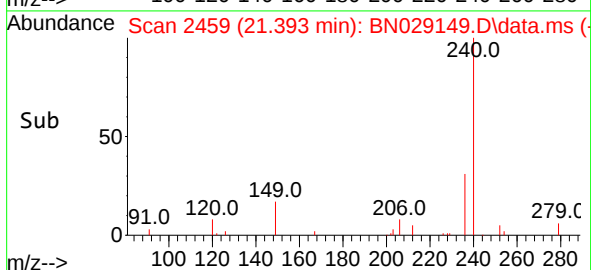
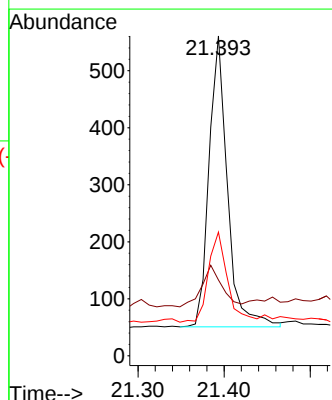
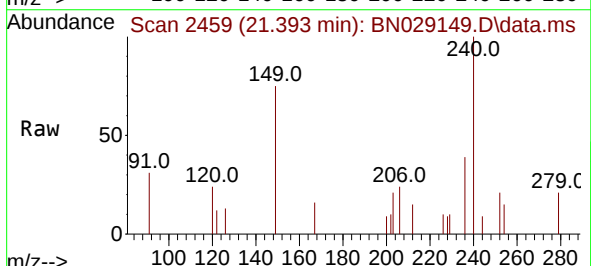
Tgt Ion:240 Resp: 758

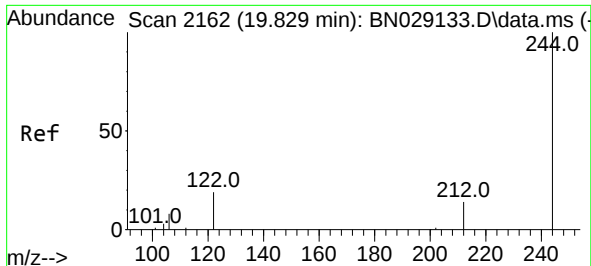
Ion Ratio Lower Upper

240 100

120 23.7 21.4 32.0

236 38.7 33.5 50.3

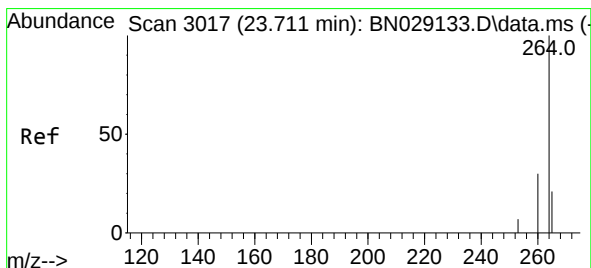
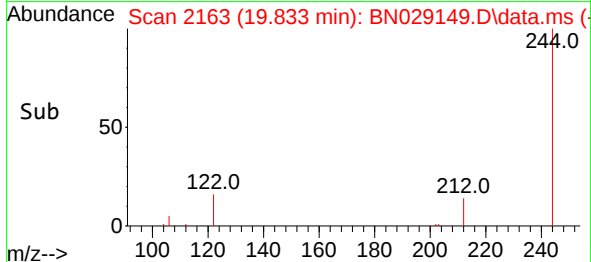
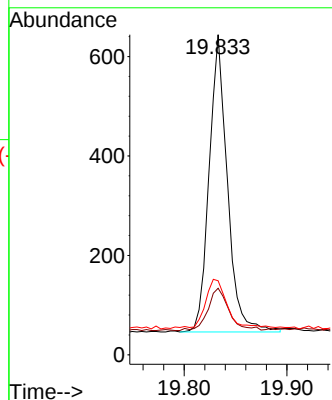
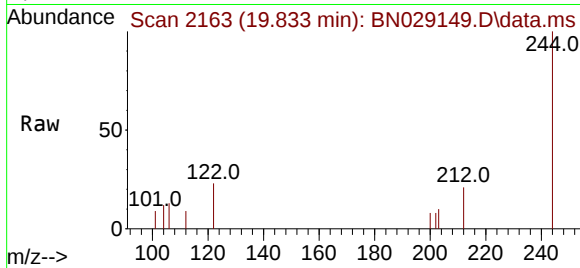




#31
 Terphenyl-d14
 Concen: 0.354 ng
 RT: 19.833 min Scan# 2163
 Delta R.T. 0.004 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

Instrument :
 BNA_N
 ClientSampleId :
 PB157677BL

Tgt Ion:244 Resp: 737
 Ion Ratio Lower Upper
 244 100
 212 20.8 19.0 28.6
 122 23.1 22.5 33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 3020
 Delta R.T. 0.004 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

Tgt Ion:264 Resp: 933
 Ion Ratio Lower Upper
 264 100
 260 35.6 31.0 46.6
 265 126.2 105.3 157.9

