

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027675.D
 Acq On : 14 Sep 2023 12:02
 Operator : MA/JU
 Sample : PB155357BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 14 13:14:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

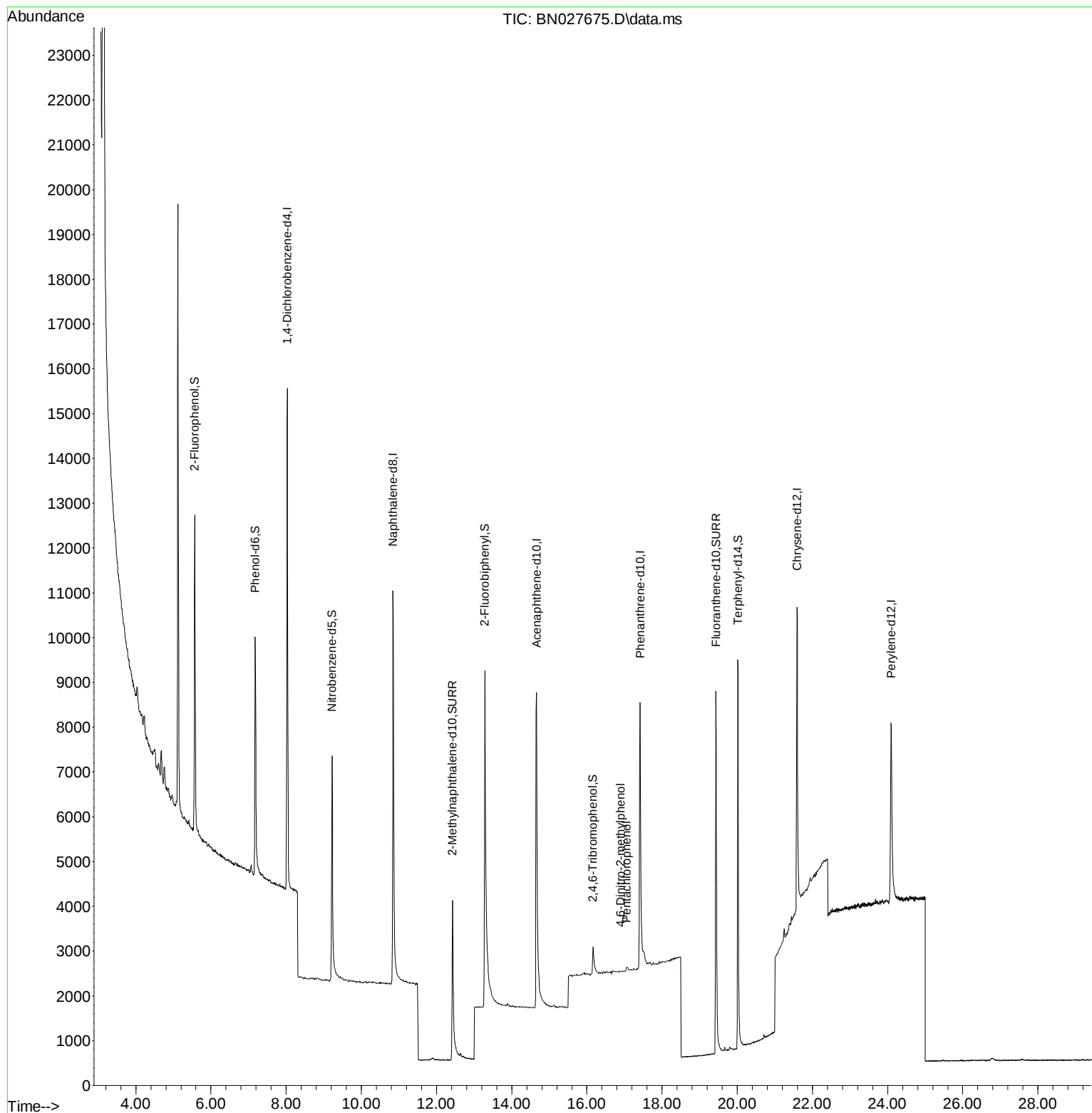
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5972	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	15228	0.400	ng	-0.01
13) Acenaphthene-d10	14.662	164	6524	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	12945	0.400	ng	0.01
29) Chrysene-d12	21.596	240	8991	0.400	ng	0.00
35) Perylene-d12	24.092	264	8104	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6171	0.396	ng	0.00
5) Phenol-d6	7.178	99	6481	0.342	ng	0.00
8) Nitrobenzene-d5	9.219	82	5455	0.491	ng	-0.01
11) 2-Methylnaphthalene-d10	12.426	152	7740	0.346	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	531	0.220	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	11889	0.479	ng	-0.01
27) Fluoranthene-d10	19.435	212	12180	0.379	ng	0.00
31) Terphenyl-d14	20.020	244	10440	0.578	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.897	198	5	0.027	ng	# 61
24) Pentachlorophenol	17.058	266	72	0.023	ng	# 45

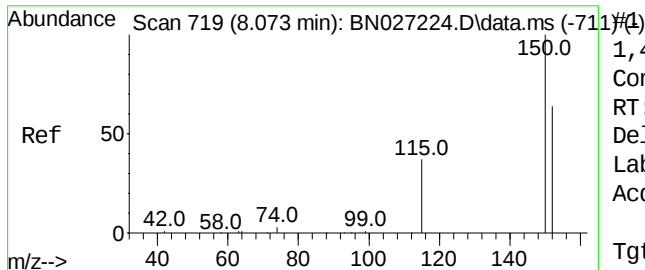
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.030 min Scan#

Delta R.T. -0.007 min

Lab File: BN027675.D

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BNA_N

ClientSampleId :

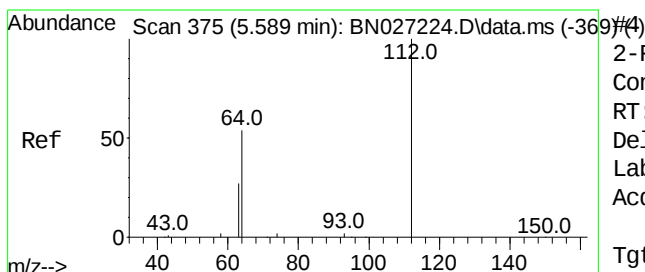
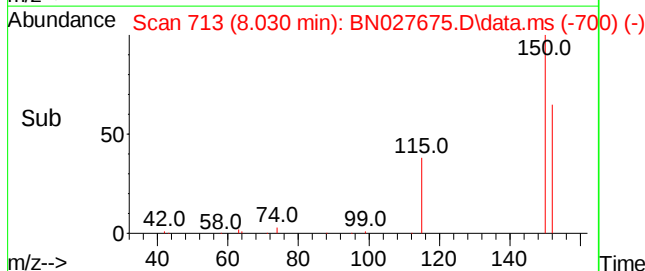
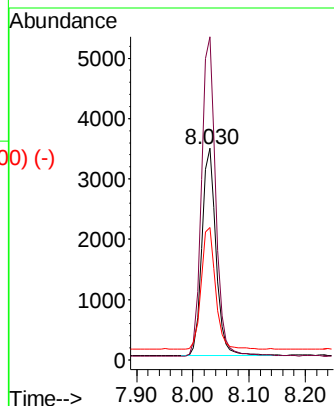
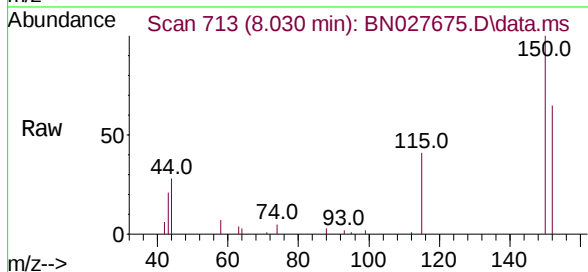
Tgt Ion:152 Resp: 5972

Ion Ratio Lower Upper

152 100

150 152.7 122.7 184.1

115 62.6 48.6 73.0



2-Fluorophenol

Concen: 0.396 ng

RT: 5.567 min Scan# 372

Delta R.T. -0.007 min

Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

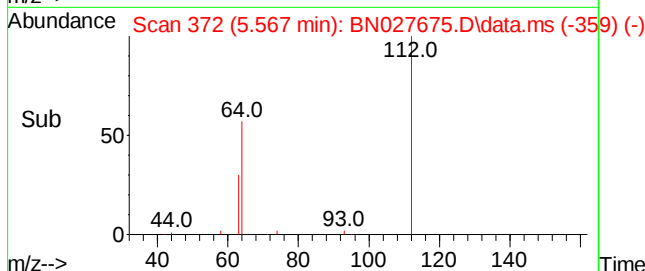
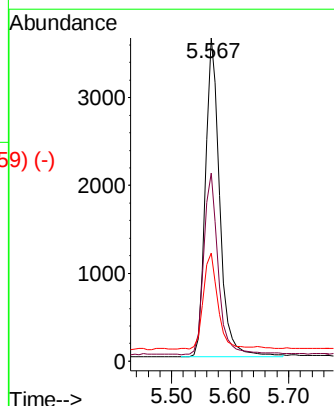
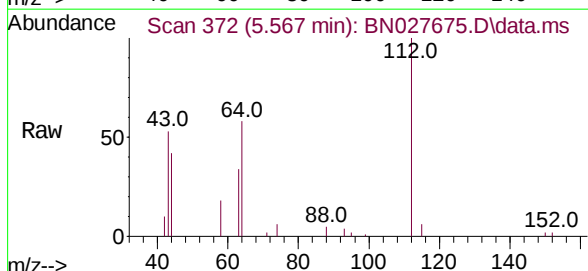
Tgt Ion:112 Resp: 6171

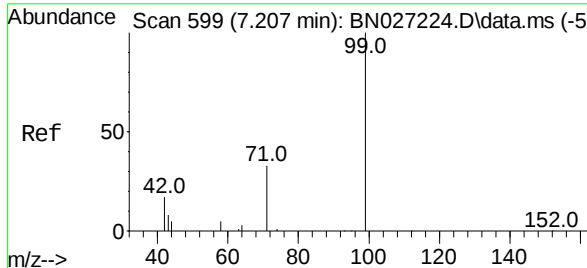
Ion Ratio Lower Upper

112 100

64 57.3 44.4 66.6

63 30.3 23.1 34.7





Phenol-d6

Concen: 0.342 ng

RT: 7.178 min Scan# 1

Delta R.T. -0.007 min

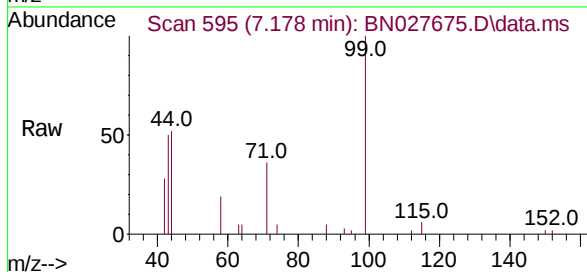
Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

Instrument :

BNA_N

ClientSampleId :



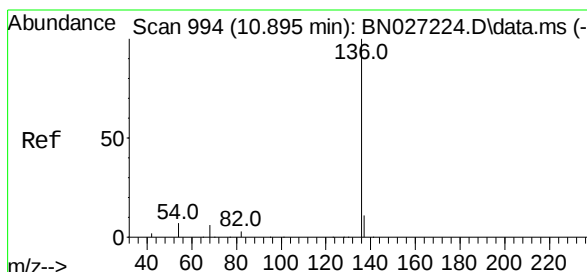
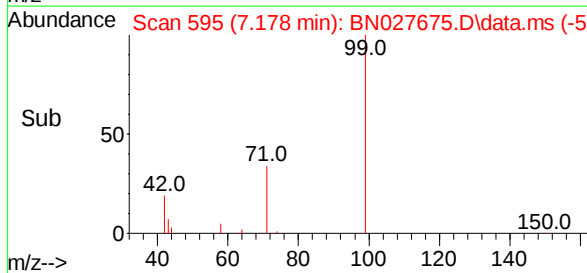
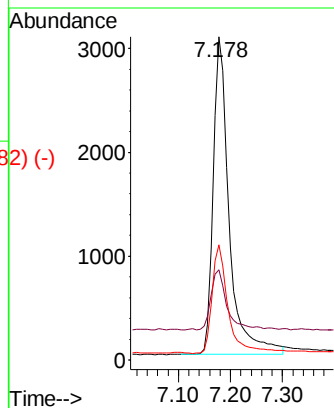
Tgt Ion: 99 Resp: 6481

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 34.3 25.8 38.6



Naphthalene-d8

Concen: 0.400 ng

RT: 10.842 min Scan# 989

Delta R.T. -0.011 min

Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

Tgt Ion: 136 Resp: 15228

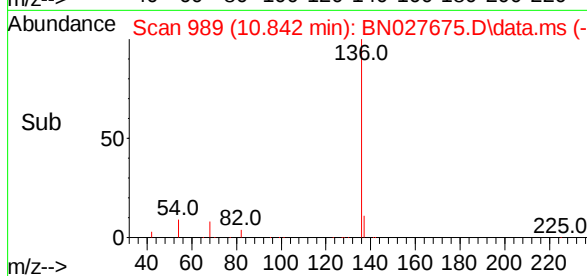
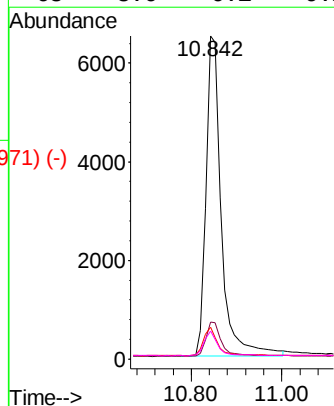
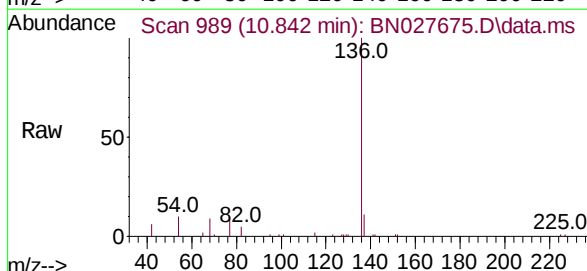
Ion Ratio Lower Upper

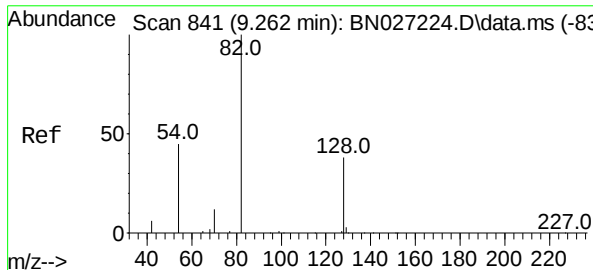
136 100

137 11.4 9.3 13.9

54 9.8 6.7 10.1

68 8.6 6.1 9.1





Nitrobenzene-d5

Concen: 0.491 ng

RT: 9.219 min Scan# 841

Delta R.T. -0.011 min

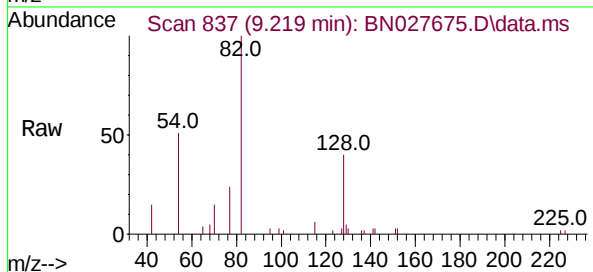
Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

Instrument :

BNA_N

ClientSampleId :



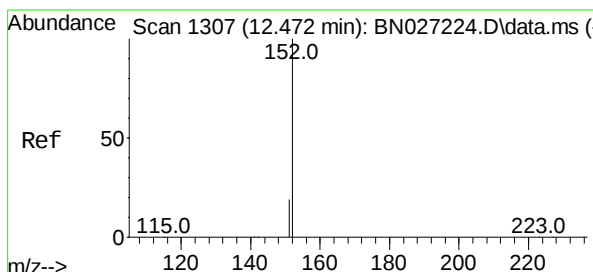
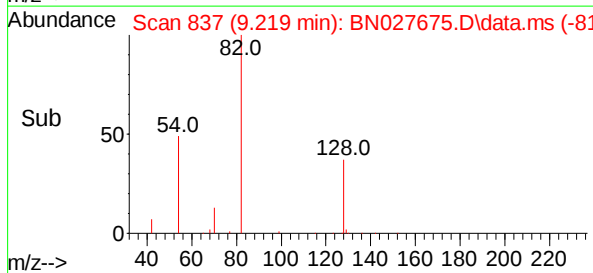
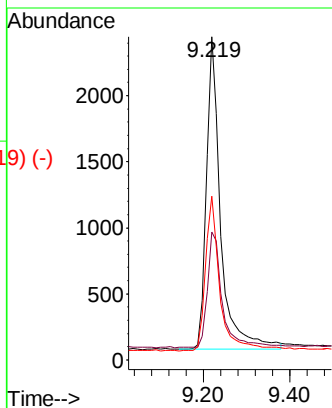
Tgt Ion: 82 Resp: 5455

Ion Ratio Lower Upper

82 100

128 39.6 33.4 50.0

54 50.7 37.7 56.5



2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 12.426 min Scan# 1295

Delta R.T. -0.004 min

Lab File: BN027675.D

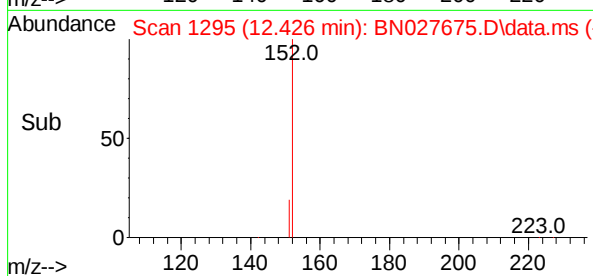
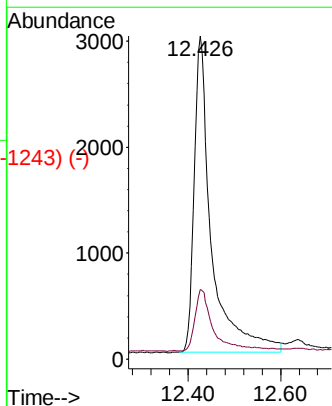
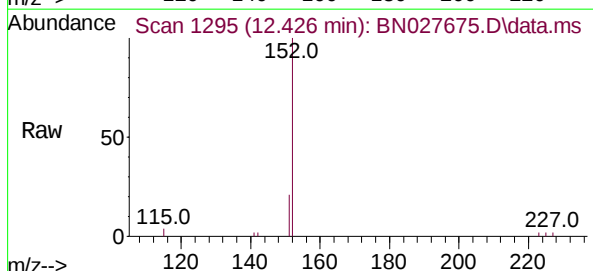
Acq: 14 Sep 2023 12:02

Tgt Ion: 152 Resp: 7740

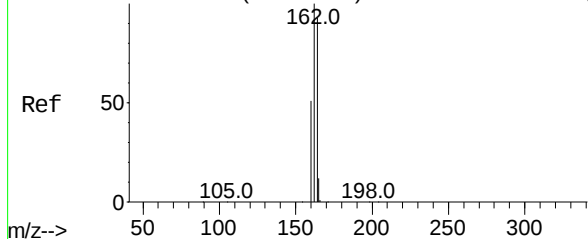
Ion Ratio Lower Upper

152 100

151 20.0 16.6 25.0



Abundance Scan 1606 (14.694 min): BN027224.D\data.ms (-1606) (-)



Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BN027675.D

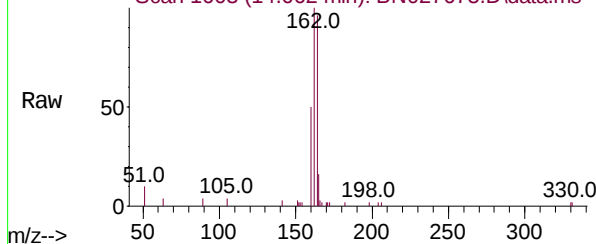
Acq: 14 Sep 2023 12:02

Instrument :

BNA_N

ClientSampleId :

Abundance Scan 1603 (14.662 min): BN027675.D\data.ms



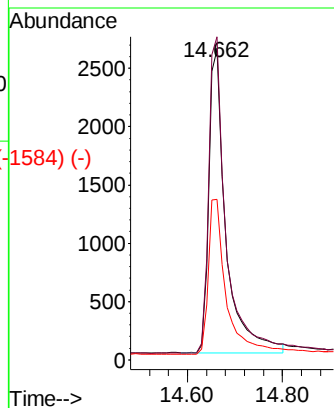
Tgt Ion:164 Resp: 6524

Ion Ratio Lower Upper

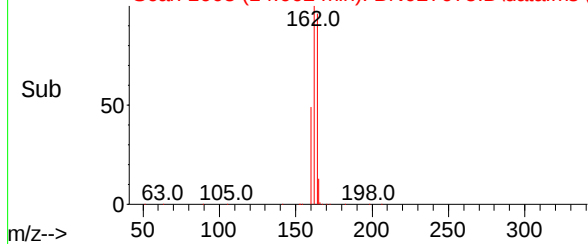
164 100

162 104.2 85.8 128.8

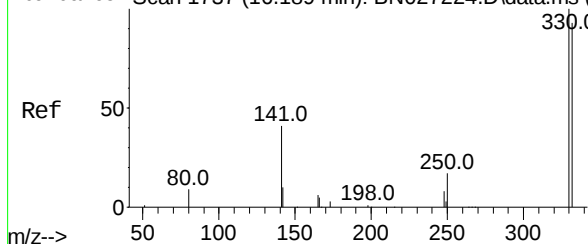
160 51.7 44.2 66.2



Abundance Scan 1603 (14.662 min): BN027675.D\data.ms (-1584) (-)



Abundance Scan 1737 (16.189 min): BN027224.D\data.ms (-1737) (-)



2,4,6-Tribromophenol

Concen: 0.220 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

Tgt Ion:330 Resp: 531

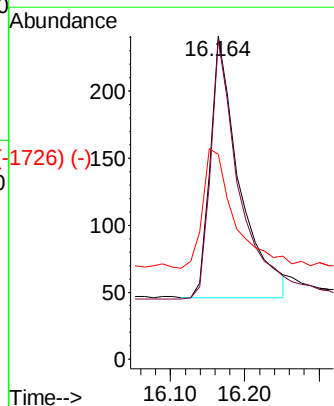
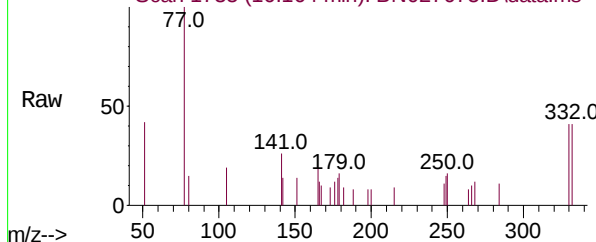
Ion Ratio Lower Upper

330 100

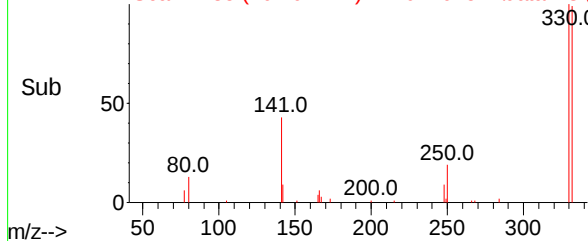
332 97.0 75.2 112.8

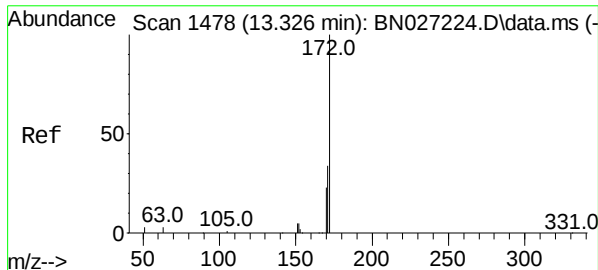
141 48.4 36.2 54.4

Abundance Scan 1735 (16.164 min): BN027675.D\data.ms



Abundance Scan 1735 (16.164 min): BN027675.D\data.ms (-1726) (-)

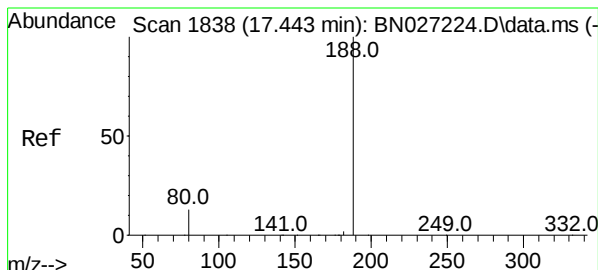
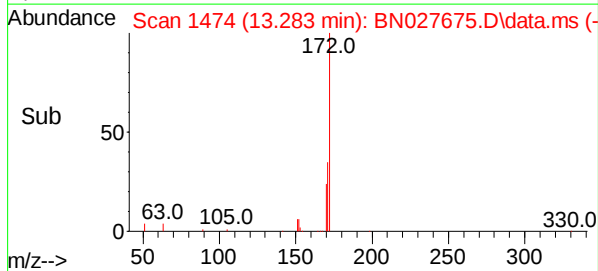
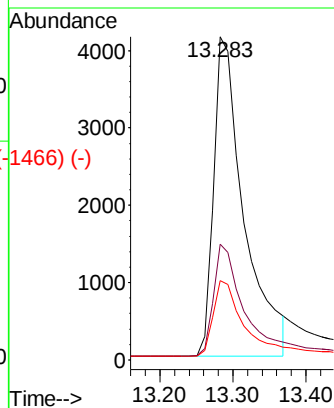
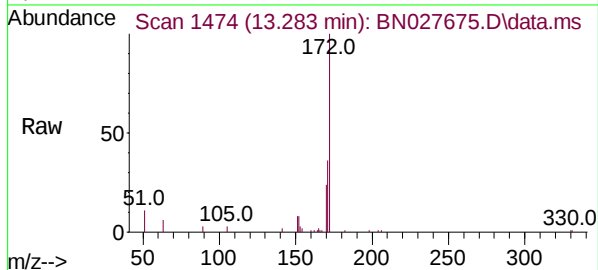




2-Fluorobiphenyl
Concen: 0.479 ng
RT: 13.283 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027675.D
Acq: 14 Sep 2023 12:02

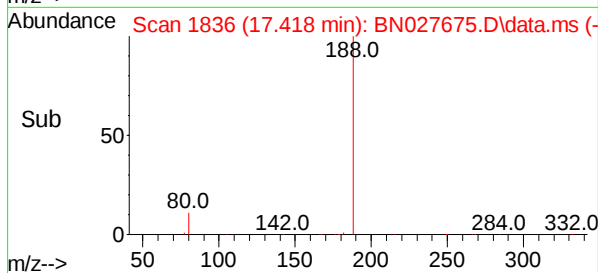
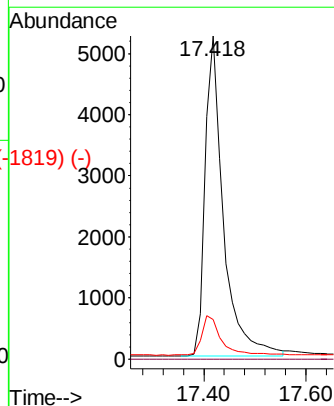
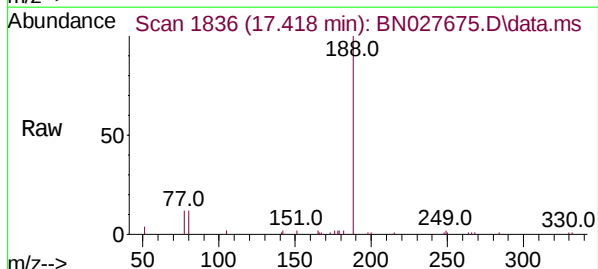
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	172	Resp:	11889
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.8
170	24.5	19.3	28.9

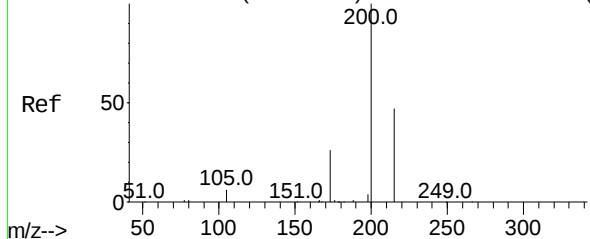


Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.012 min
Lab File: BN027675.D
Acq: 14 Sep 2023 12:02

Tgt Ion:	188	Resp:	12945
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	11.0	16.6



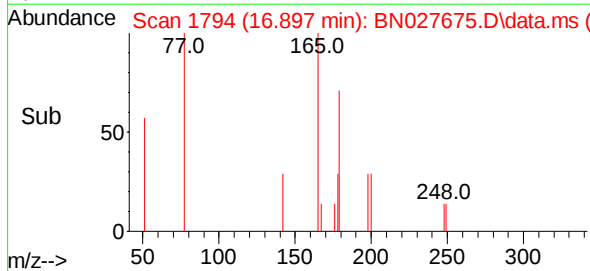
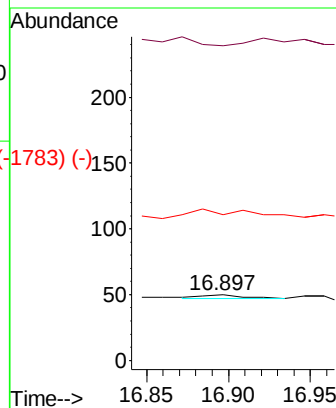
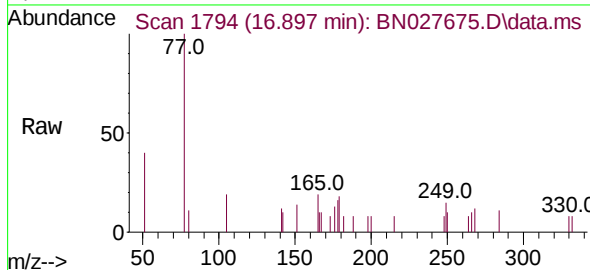
Abundance Scan 1794 (16.897 min): BN027224.D\data.ms (-1729) (-)



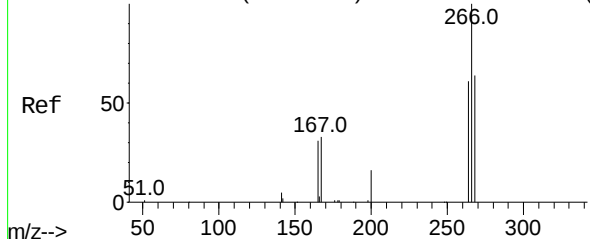
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 16.897 min Scan# 1729
Delta R.T. 0.037 min
Lab File: BN027675.D
Acq: 14 Sep 2023 12:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion	198	Resp	5
Ion	Ratio	Lower	Upper
198	100		
51	478.0	282.2	423.2#
105	222.0	168.7	253.1

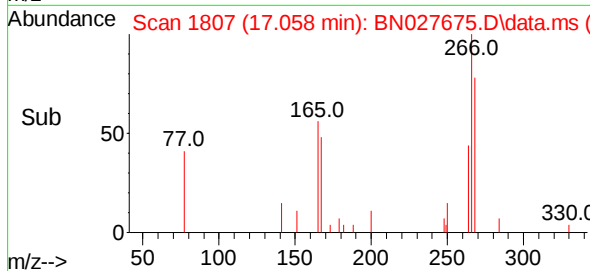
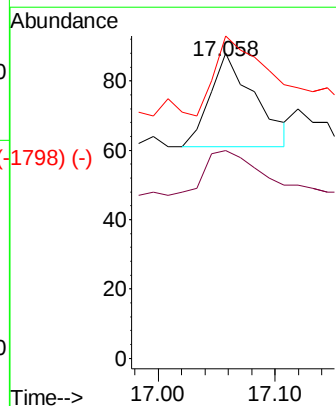
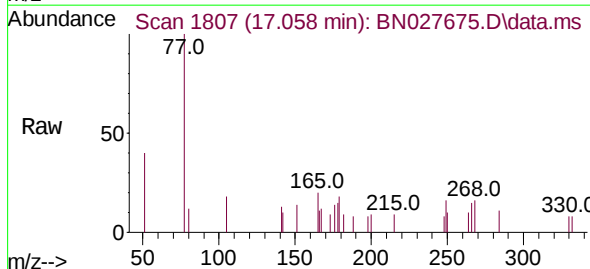


Abundance Scan 1809 (17.083 min): BN027224.D\data.ms (-1823) (-)

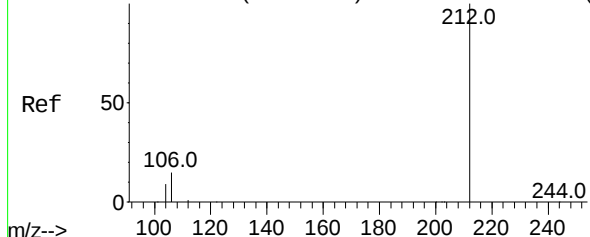


Pentachlorophenol
Concen: 0.023 ng
RT: 17.058 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BN027675.D
Acq: 14 Sep 2023 12:02

Tgt Ion	266	Resp	72
Ion	Ratio	Lower	Upper
266	100		
264	65.3	50.3	75.5
268	148.6	52.0	78.0#



Abundance Scan 2130 (19.467 min): BN027224.D\data.ms (-217) (-)



Fluoranthene-d10

Concen: 0.379 ng

RT: 19.435 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

Instrument :

BNA_N

ClientSampleId :

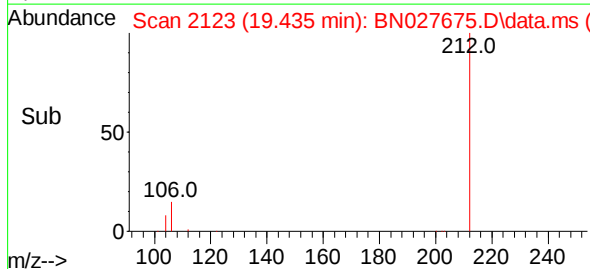
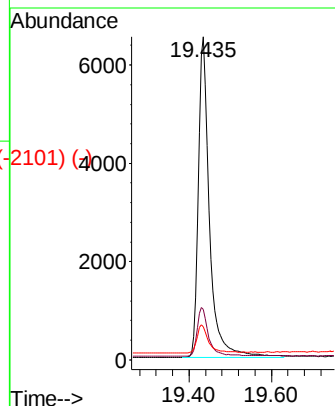
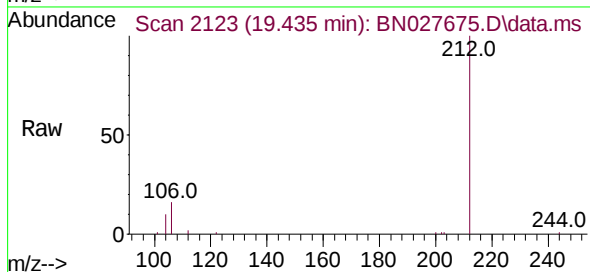
Tgt Ion:212 Resp: 12180

Ion Ratio Lower Upper

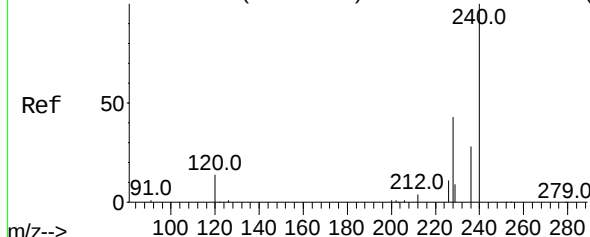
212 100

106 15.1 12.1 18.1

104 9.0 6.9 10.3



Abundance Scan 2530 (21.623 min): BN027224.D\data.ms (-2529) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.596 min Scan# 2527

Delta R.T. 0.009 min

Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

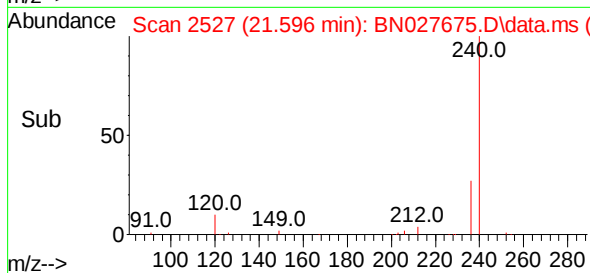
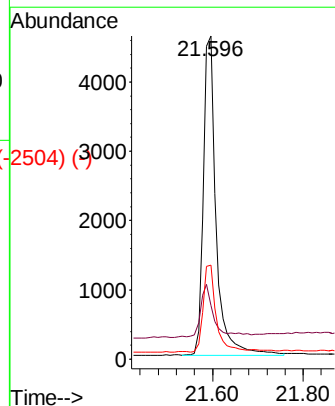
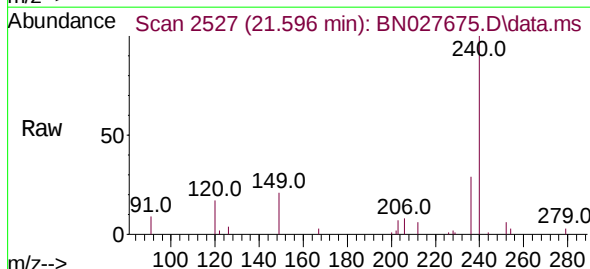
Tgt Ion:240 Resp: 8991

Ion Ratio Lower Upper

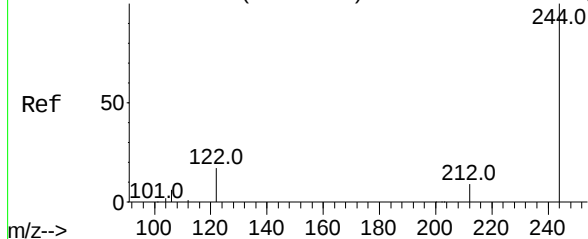
240 100

120 16.6 14.2 21.4

236 29.2 22.9 34.3



Abundance Scan 2256 (20.053 min): BN027224.D\data.ms (-2256) (-)



Terphenyl-d14

Concen: 0.578 ng

RT: 20.020 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027675.D

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Instrument :

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ClientSampleId :

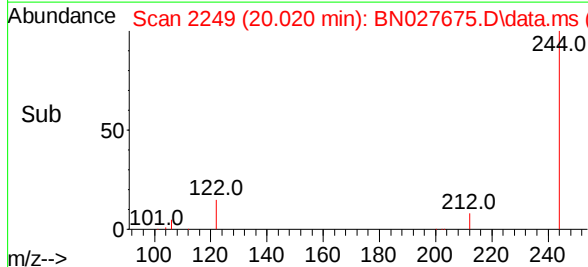
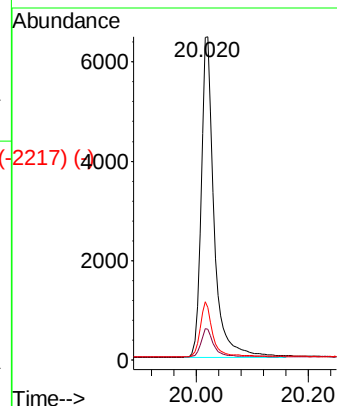
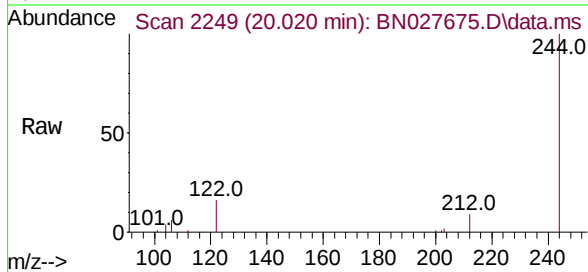
Tgt Ion:244 Resp: 10440

Ion Ratio Lower Upper

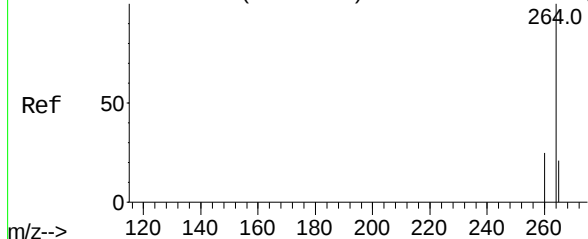
244 100

212 9.4 7.5 11.3

122 16.2 14.0 21.0



Abundance Scan 3215 (24.156 min): BN027224.D\data.ms (-3215) (-)



Perylene-d12

Concen: 0.400 ng

RT: 24.092 min Scan# 3193

Delta R.T. -0.003 min

Lab File: BN027675.D

Acq: 14 Sep 2023 12:02

Tgt Ion:264 Resp: 8104

Ion Ratio Lower Upper

264 100

260 26.4 20.7 31.1

265 108.8 53.3 79.9#

