

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
 Data File : BN029228.D
 Acq On : 09 Jan 2024 15:08
 Operator : MA/JU
 Sample : P1042-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240104

Quant Time: Jan 09 15:40:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

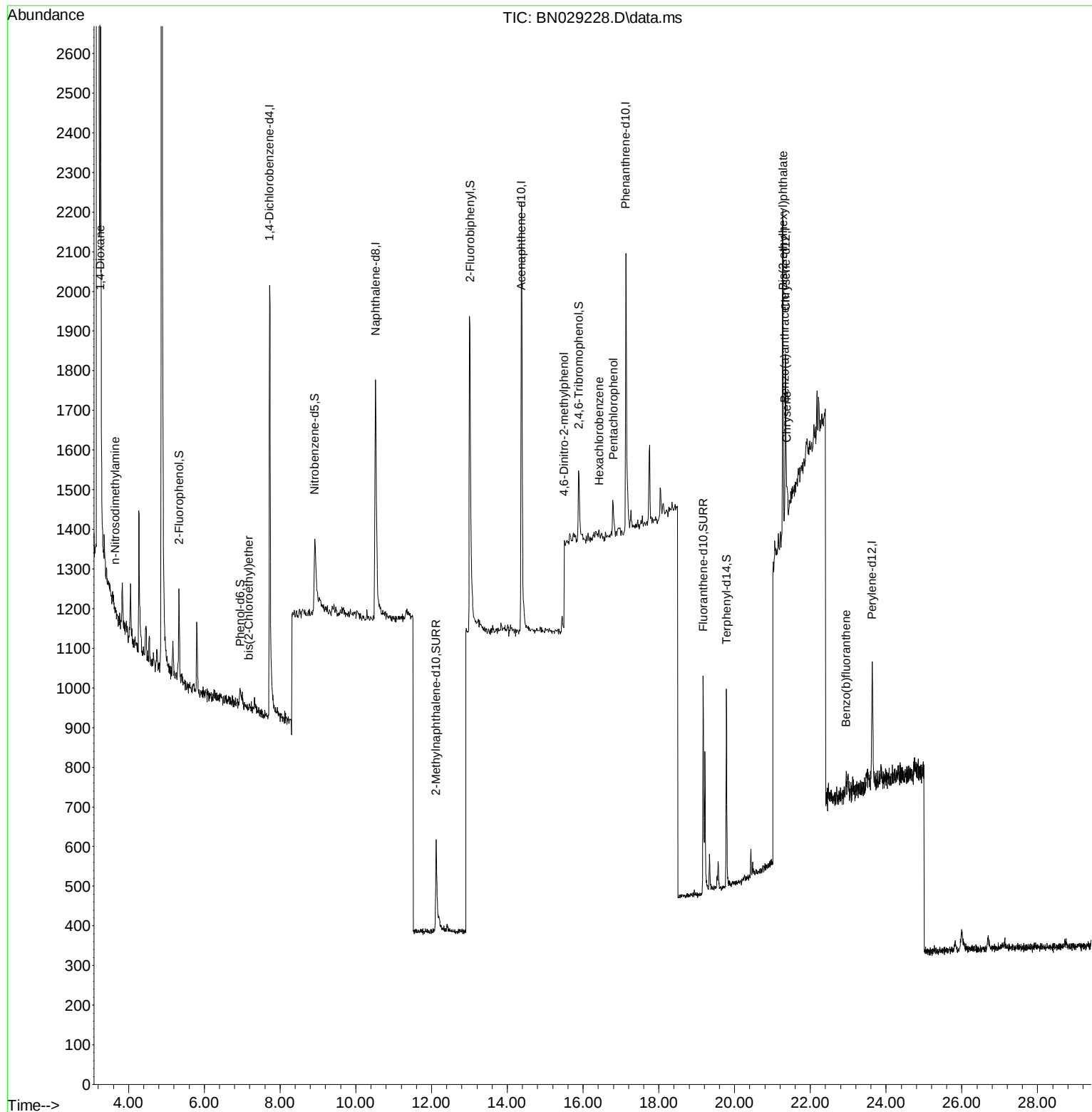
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	696	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	1311	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	795	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1307	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	406	0.400	ng	0.00
35) Perylene-d12	23.633	264	472	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	156	0.096	ng	0.00
5) Phenol-d6	6.944	99	93	0.051	ng	0.00
8) Nitrobenzene-d5	8.918	82	373	0.227	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	516	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.890	330	160	0.261	ng	0.01
15) 2-Fluorobiphenyl	13.014	172	1121	0.263	ng	0.01
27) Fluoranthene-d10	19.169	212	676	0.254	ng	0.00
31) Terphenyl-d14	19.786	244	435	0.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	1947	3.081	ng	# 83
3) n-Nitrosodimethylamine	3.644	42	15	0.028	ng	# 23
6) bis(2-Chloroethyl)ether	7.183	93	27	0.022	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.505	198	5	0.111	ng	# 30
22) Hexachlorobenzene	16.424	284	36	0.027	ng	# 76
24) Pentachlorophenol	16.796	266	78	0.091	ng	# 90
32) Benzo(a)anthracene	21.331	228	49	0.021	ng	# 23
33) Chrysene	21.375	228	50	0.021	ng	# 16
34) Bis(2-ethylhexyl)phtha...	21.277	149	1004	0.295	ng	# 94
37) Benzo(b)fluoranthene	22.946	252	60	0.023	ng	# 1

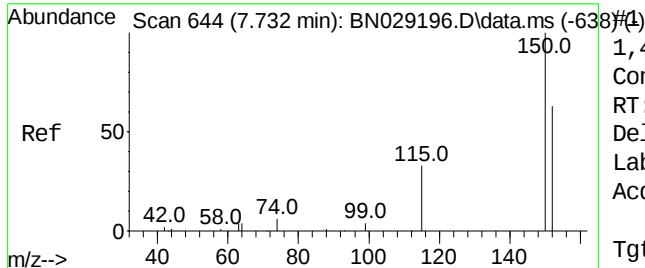
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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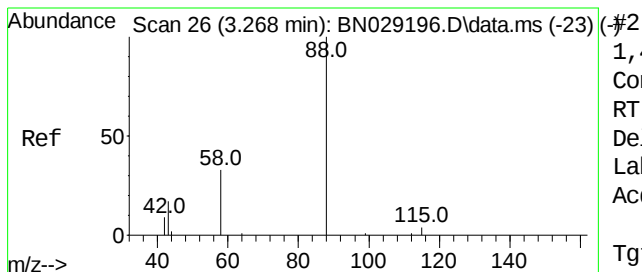
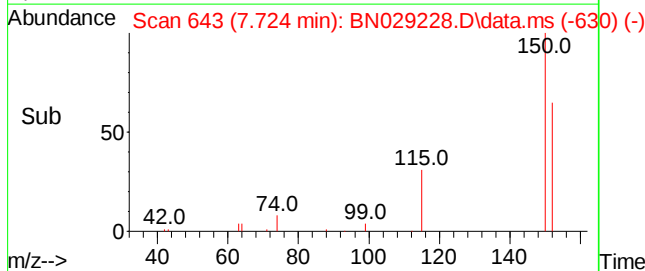
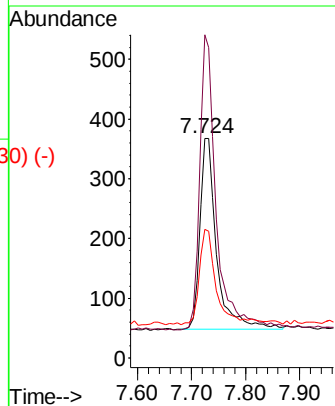
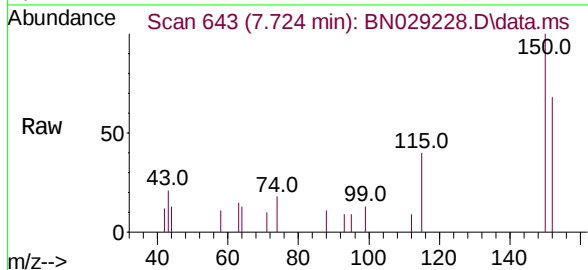




1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan#
Delta R.T. -0.008 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

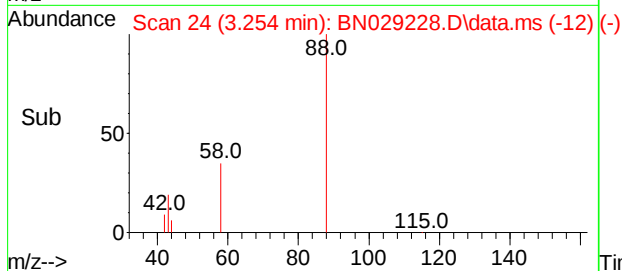
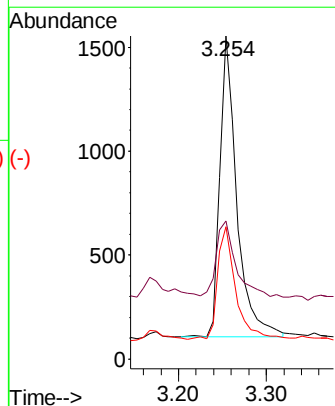
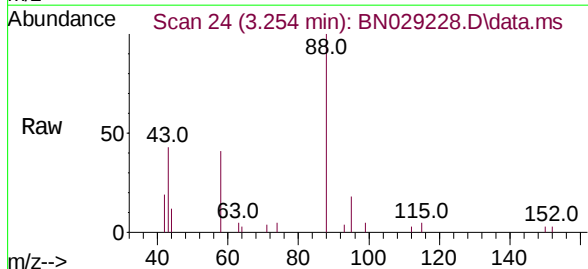
Instrument :
BNA_N
ClientSampleId :
SP-100-20240104

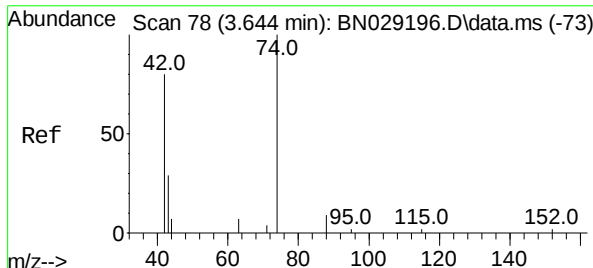
Tgt Ion:152 Resp: 696
Ion Ratio Lower Upper
152 100
150 147.0 122.2 183.2
115 58.4 48.2 72.4



1,4-Dioxane
Concen: 3.081 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

Tgt Ion: 88 Resp: 1947
Ion Ratio Lower Upper
88 100
43 29.2 19.0 28.4#
58 40.3 23.1 34.7#

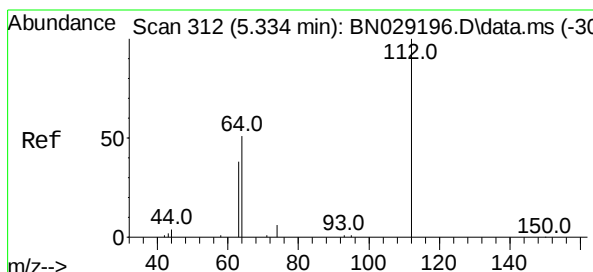
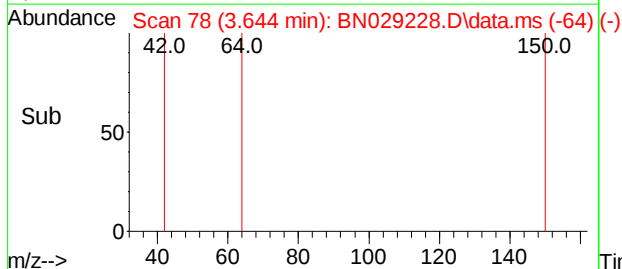
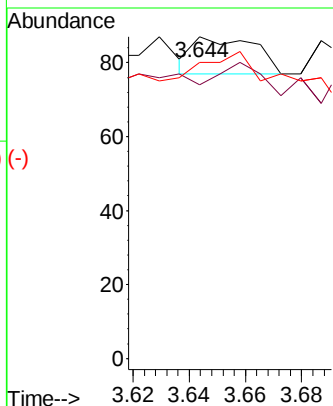
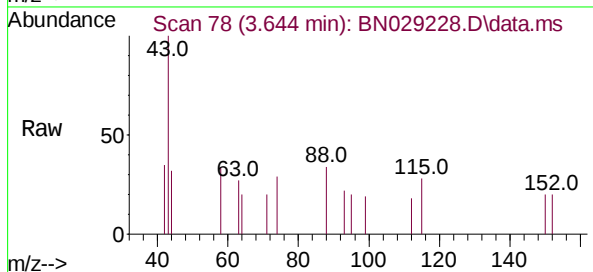




n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.644 min Scan#
 Delta R.T. -0.000 min
 Lab File: BN029228.D
 Acq: 09 Jan 2024 15:08

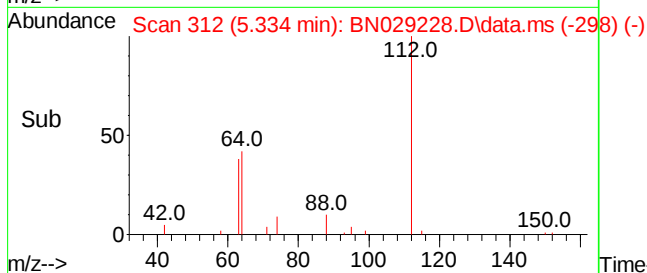
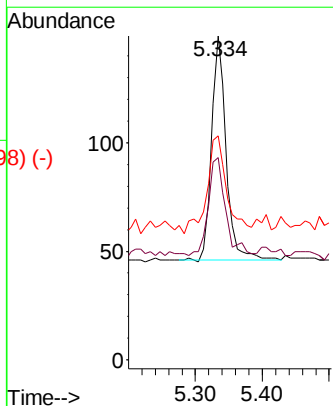
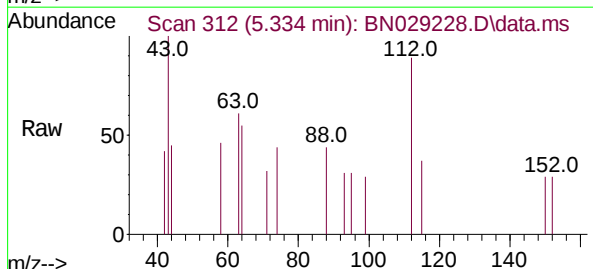
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240104

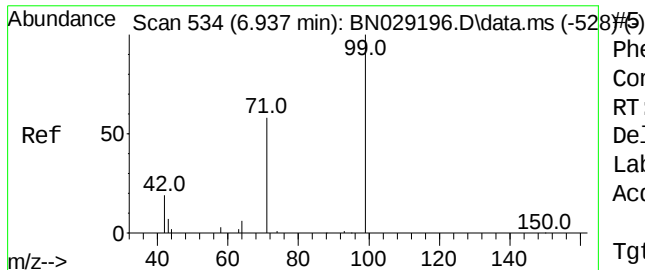
Tgt Ion:	42	Resp:	15
Ion	Ratio	Lower	Upper
42	100		
74	60.0	106.8	160.2#
44	133.3	5.6	8.4#



2-Fluorophenol
 Concen: 0.096 ng
 RT: 5.334 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: BN029228.D
 Acq: 09 Jan 2024 15:08

Tgt Ion:	112	Resp:	156
Ion	Ratio	Lower	Upper
112	100		
64	51.9	38.8	58.2
63	60.3	30.6	45.8#





Phenol-d6

Concen: 0.051 ng

RT: 6.944 min Scan# 534

Delta R.T. 0.007 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104

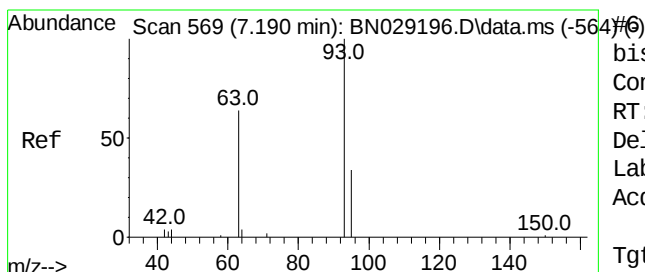
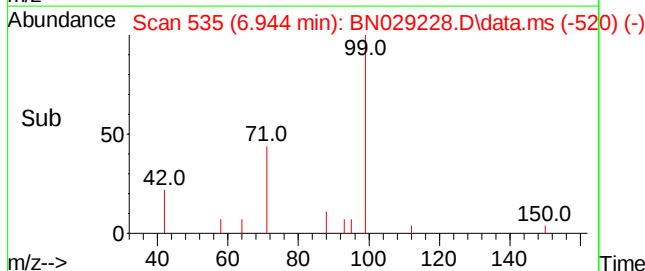
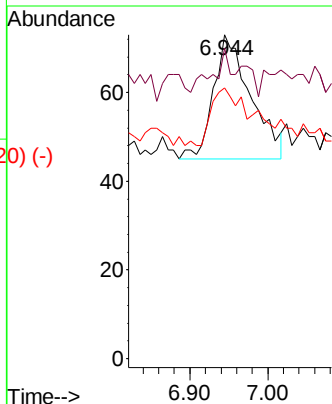
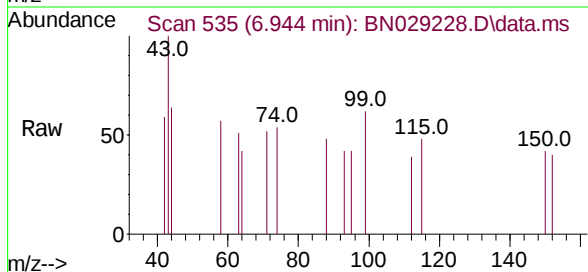
Tgt Ion: 99 Resp: 93

Ion Ratio Lower Upper

99 100

42 8.6 18.3 27.5#

71 49.5 48.6 73.0



bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.183 min Scan# 568

Delta R.T. -0.007 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

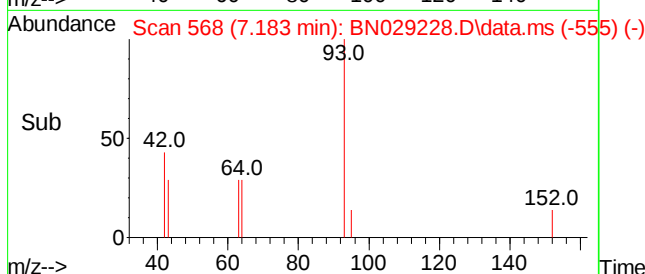
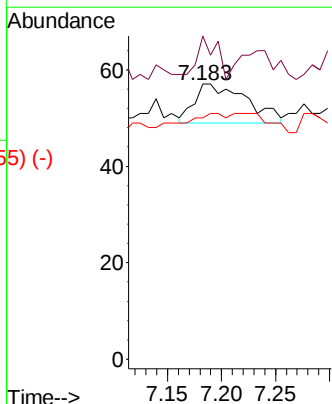
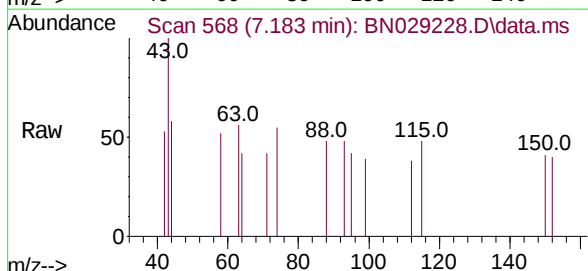
Tgt Ion: 93 Resp: 27

Ion Ratio Lower Upper

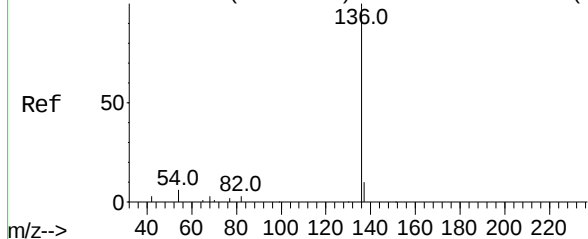
93 100

63 40.7 56.6 85.0#

95 25.9 29.9 44.9#



Abundance Scan 931 (10.519 min): BN029196.D\data.ms (-9257-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.519 min Scan#

Delta R.T. 0.000 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104

Tgt Ion:136 Resp: 1311

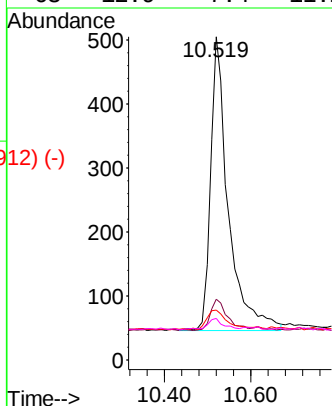
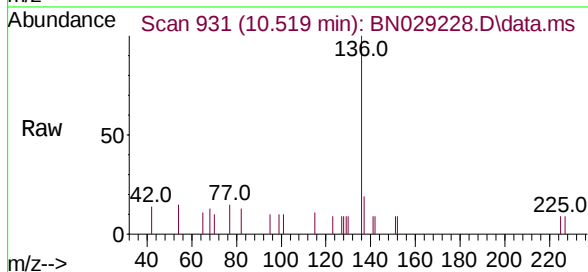
Ion Ratio Lower Upper

136 100

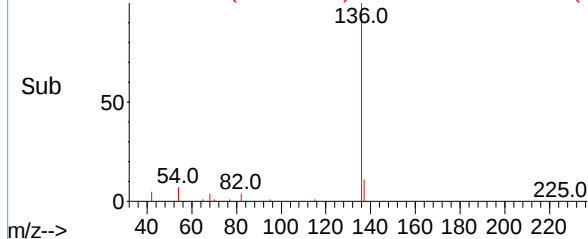
137 18.8 13.0 19.4

54 15.4 9.8 14.6#

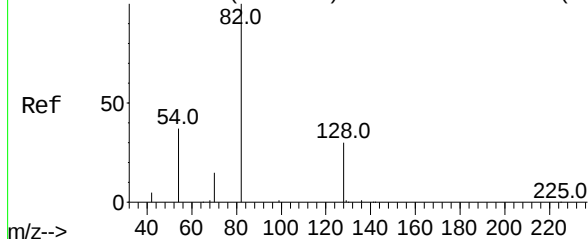
68 12.9 7.4 11.2#



Abundance Scan 931 (10.519 min): BN029228.D\data.ms (-912-)



Abundance Scan 780 (8.907 min): BN029196.D\data.ms (-7767-)



Nitrobenzene-d5

Concen: 0.227 ng

RT: 8.918 min Scan# 781

Delta R.T. 0.011 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

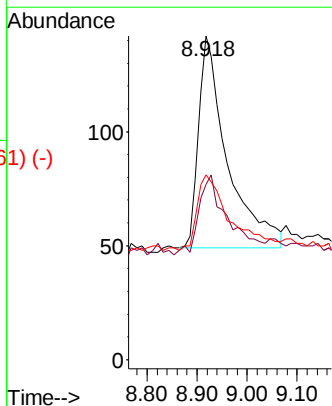
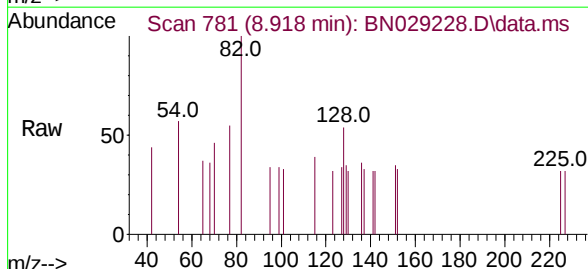
Tgt Ion: 82 Resp: 373

Ion Ratio Lower Upper

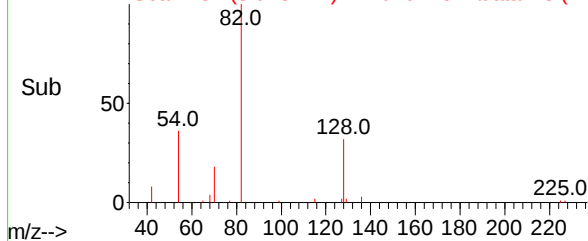
82 100

128 54.2 34.2 51.2#

54 57.0 38.8 58.2



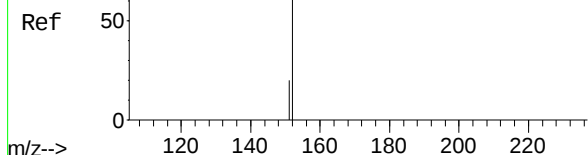
Abundance Scan 781 (8.918 min): BN029228.D\data.ms (-761-)



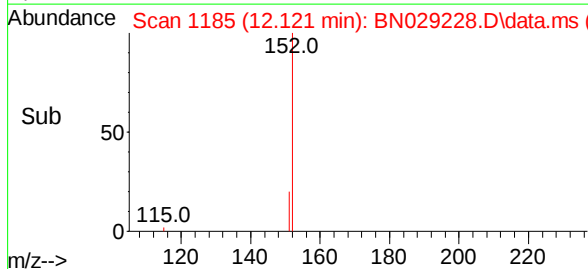
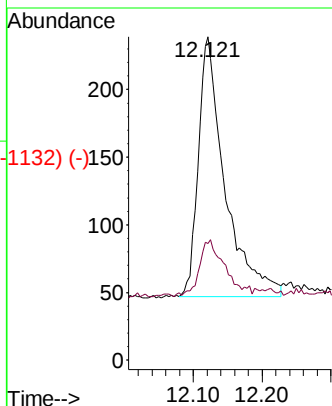
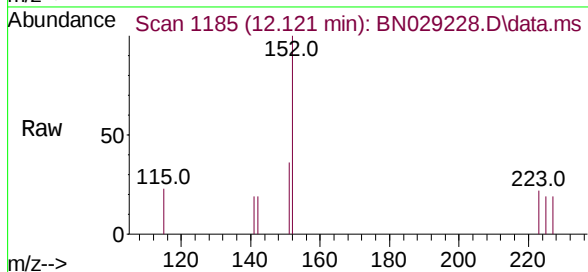
Abundance Scan 1185 (12.121 min): BN029196.D\data.ms (-1132) (-)

2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.121 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

Instrument :
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ClientSampleId :
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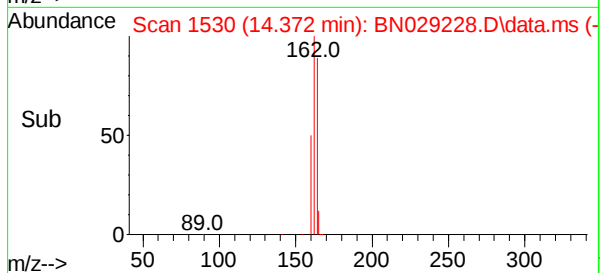
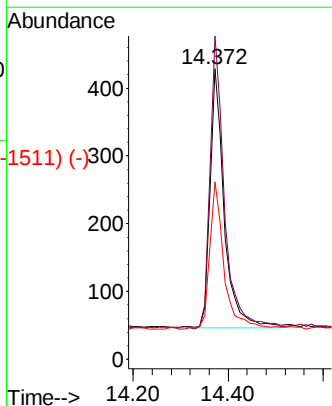
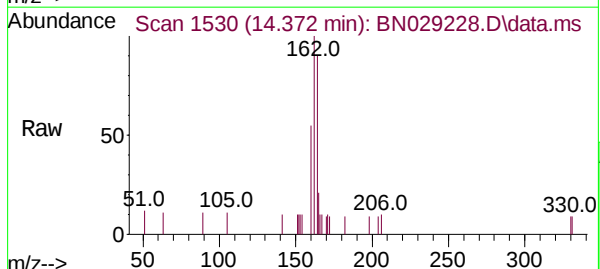
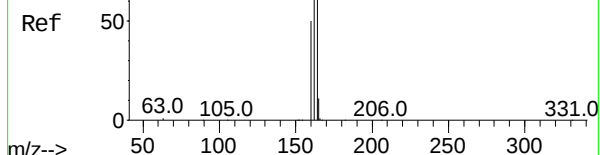
Tgt Ion:152 Resp: 516
Ion Ratio Lower Upper
152 100
151 19.0 16.6 24.8



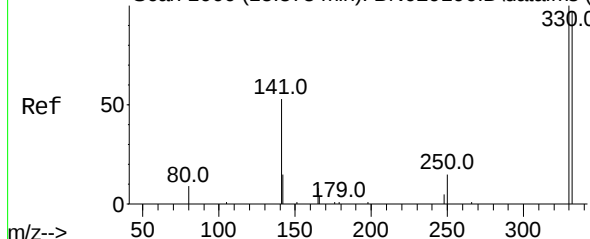
Abundance Scan 1530 (14.372 min): BN029196.D\data.ms (-1511) (-)

Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

Tgt Ion:164 Resp: 795
Ion Ratio Lower Upper
164 100
162 111.2 91.8 137.8
160 61.1 49.4 74.2

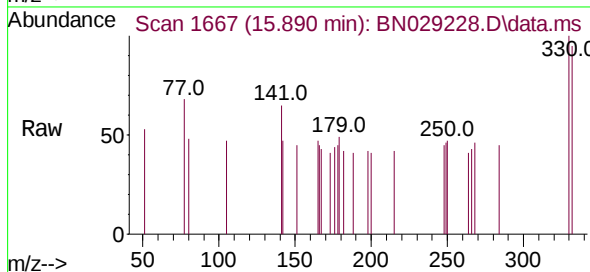


Abundance Scan 1666 (15.878 min): BN029196.D\data.ms (-1614) (-)

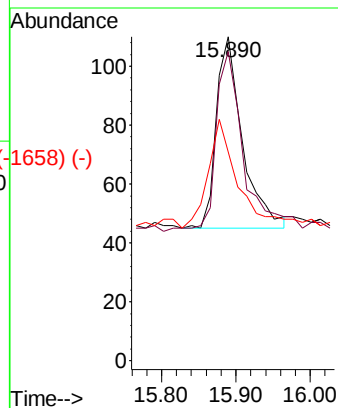


2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.890 min Scan# 1614
Delta R.T. 0.012 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

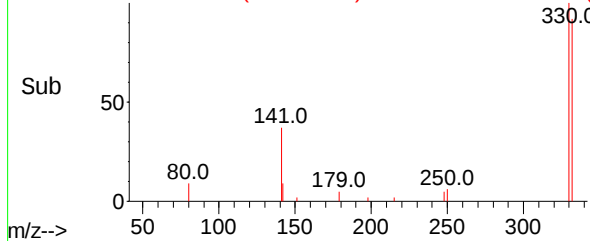
Instrument :
BNA_N
ClientSampleId :
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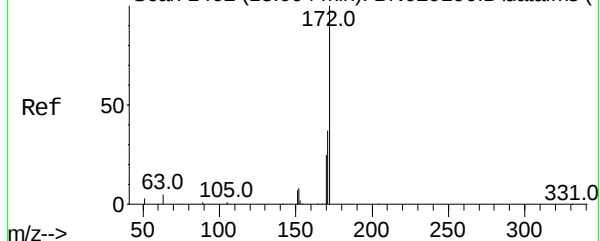
Tgt Ion:330 Resp: 160
Ion Ratio Lower Upper
330 100
332 91.3 74.4 111.6
141 63.7 46.7 70.1



Abundance Scan 1667 (15.890 min): BN029228.D\data.ms (-1658) (-)

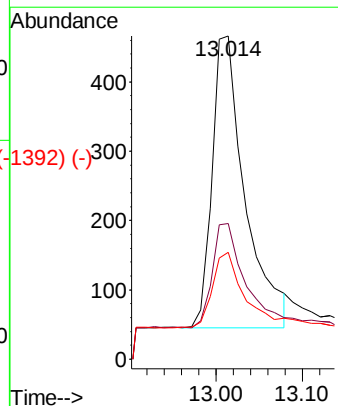
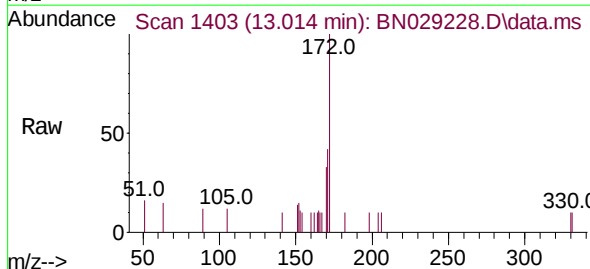


Abundance Scan 1402 (13.004 min): BN029196.D\data.ms (-1395) (-)

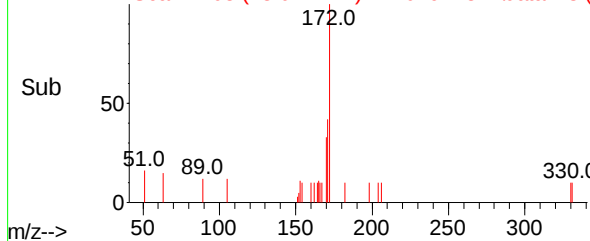


2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.014 min Scan# 1403
Delta R.T. 0.011 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

Tgt Ion:172 Resp: 1121
Ion Ratio Lower Upper
172 100
171 42.1 32.8 49.2
170 33.0 24.0 36.0



Abundance Scan 1403 (13.014 min): BN029228.D\data.ms (-1392) (-)



Abundance Scan 1767 (17.131 min): BN029196.D\data.ms (-1719) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.131 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN029228.D

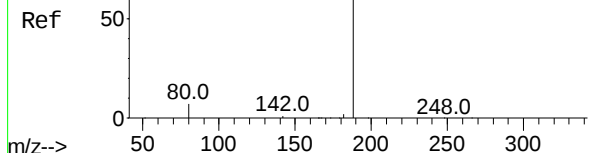
Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104



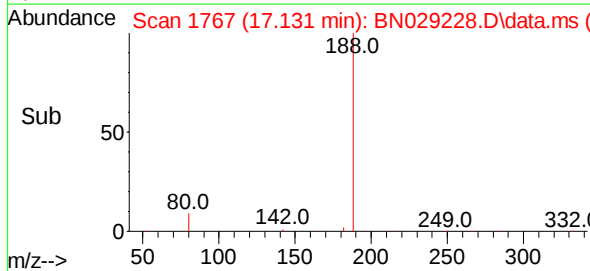
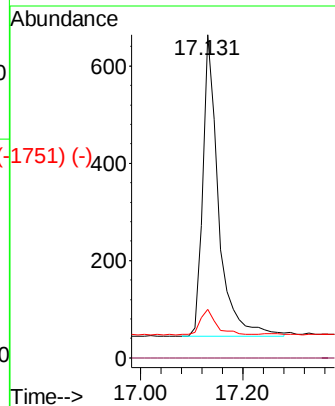
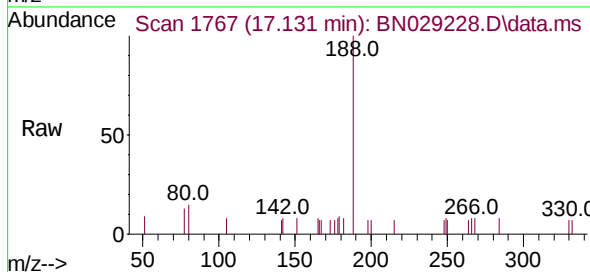
Tgt Ion:188 Resp: 1307

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.1 8.8 13.2#



Abundance Scan 1638 (15.530 min): BN029196.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.111 ng

RT: 15.505 min Scan# 1636

Delta R.T. -0.025 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

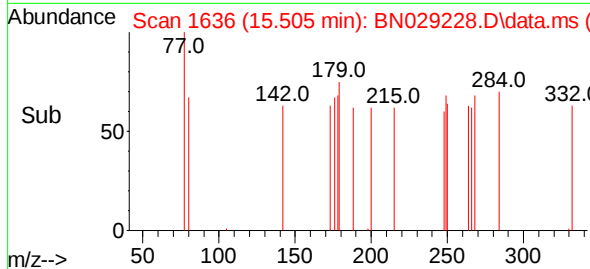
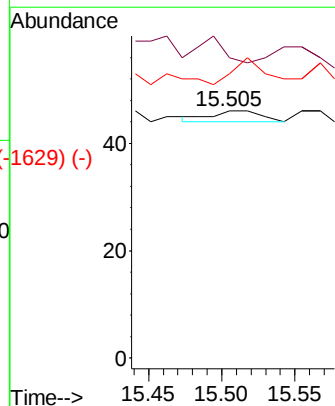
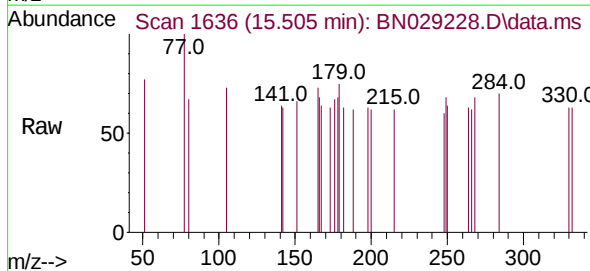
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

198 100

51 121.7 47.4 71.2#

105 115.2 54.5 81.7#



Abundance Scan 1710 (16.424 min): BN029196.D\data.ms (-1723) (-)

Hexachlorobenzene

Concen: 0.027 ng

RT: 16.424 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN029228.D

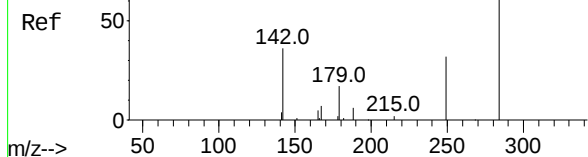
Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104



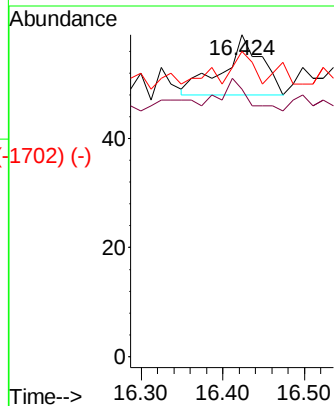
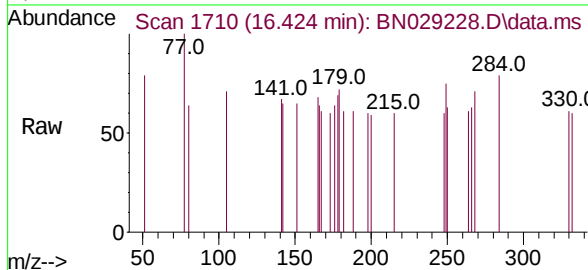
Tgt Ion:284 Resp: 36

Ion Ratio Lower Upper

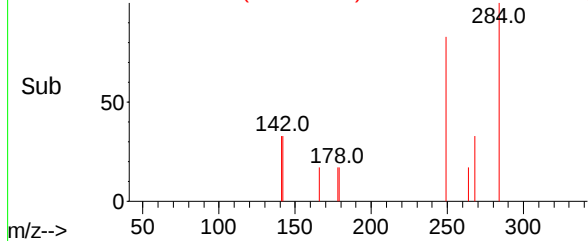
284 100

142 36.1 49.9 74.9#

249 36.1 26.3 39.5



Abundance Scan 1710 (16.424 min): BN029228.D\data.ms (-1702) (-)



Abundance Scan 1739 (16.784 min): BN029196.D\data.ms (-1724) (-)

Pentachlorophenol

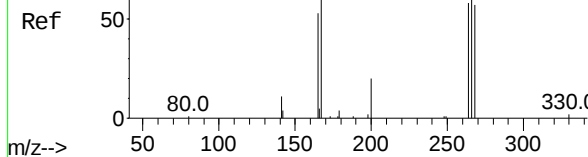
Concen: 0.091 ng

RT: 16.796 min Scan# 1740

Delta R.T. 0.012 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08



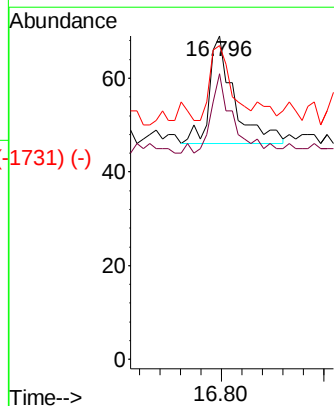
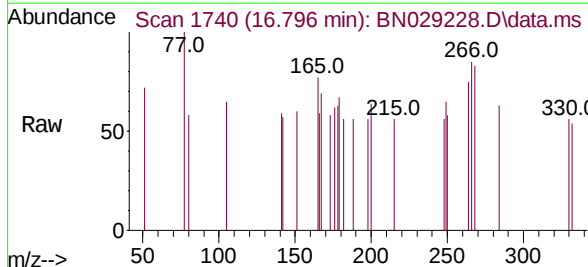
Tgt Ion:266 Resp: 78

Ion Ratio Lower Upper

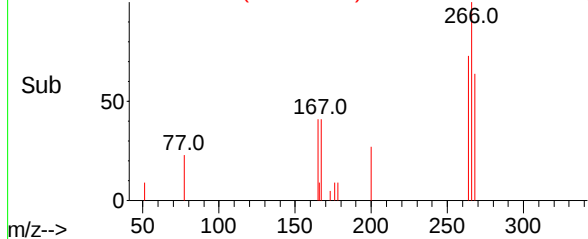
266 100

264 66.7 44.4 66.6#

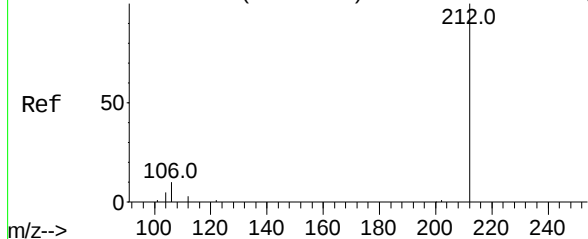
268 57.7 49.4 74.2



Abundance Scan 1740 (16.796 min): BN029228.D\data.ms (-1731) (-)



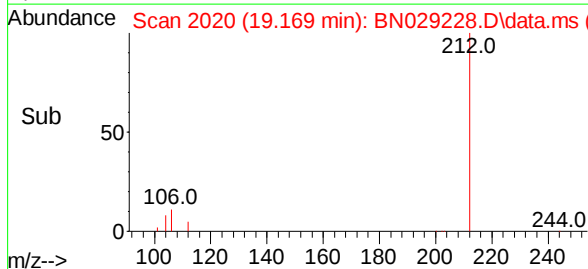
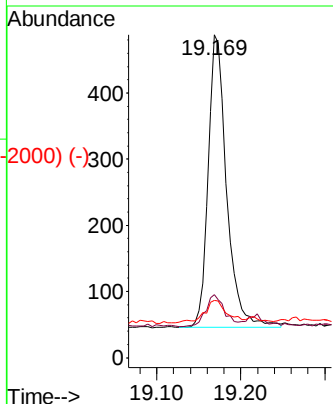
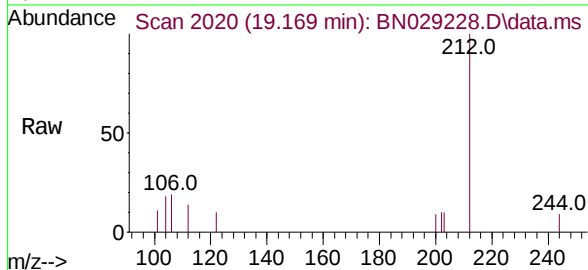
Abundance Scan 2021 (19.173 min): BN029196.D\data.ms (-2021) (-)



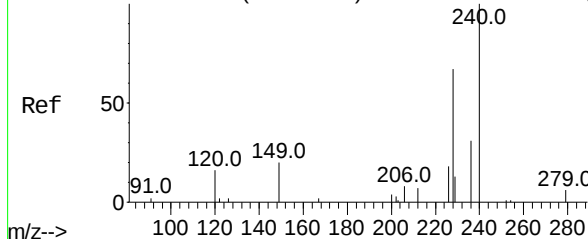
Fluoranthene-d10
Concen: 0.254 ng
RT: 19.169 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

Instrument :
BNA_N
ClientSampleId :
SP-100-20240104

Tgt Ion:212 Resp: 676
Ion Ratio Lower Upper
212 100
106 11.1 9.7 14.5
104 9.5 6.3 9.5

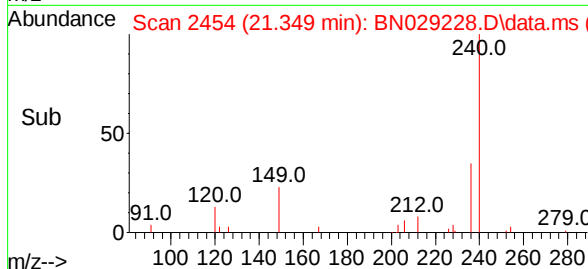
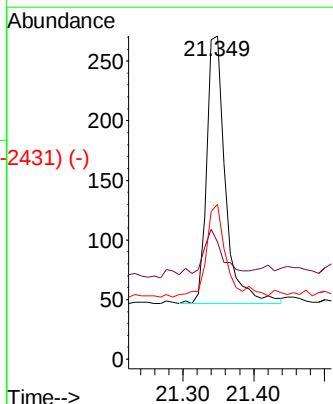
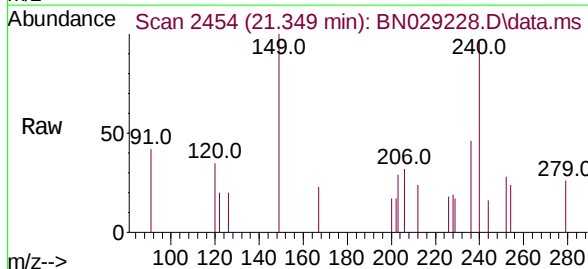


Abundance Scan 2453 (21.349 min): BN029196.D\data.ms (-2429) (-)

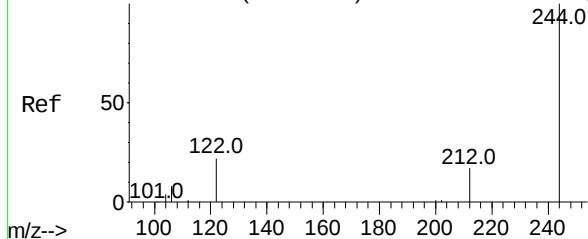


Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2454
Delta R.T. 0.009 min
Lab File: BN029228.D
Acq: 09 Jan 2024 15:08

Tgt Ion:240 Resp: 406
Ion Ratio Lower Upper
240 100
120 36.2 24.6 36.8
236 48.0 32.0 48.0



Abundance Scan 2153 (19.787 min): BN029196.D\data.ms (-244) (-)



Terphenyl-d14

Concen: 0.346 ng

RT: 19.786 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104

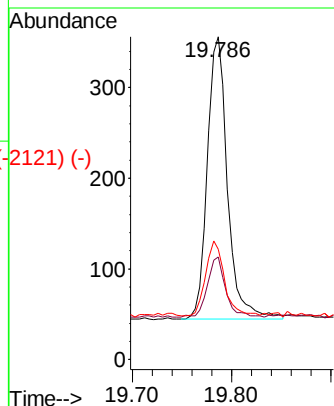
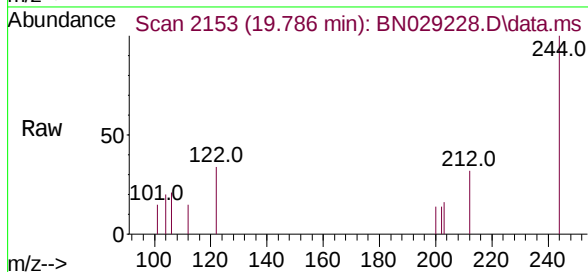
Tgt Ion:244 Resp: 435

Ion Ratio Lower Upper

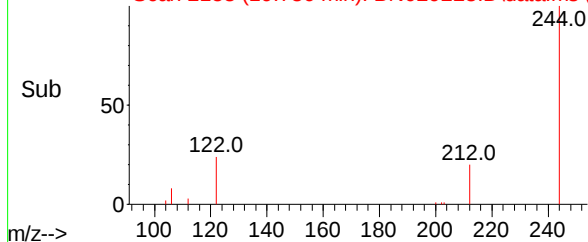
244 100

212 31.7 20.1 30.1#

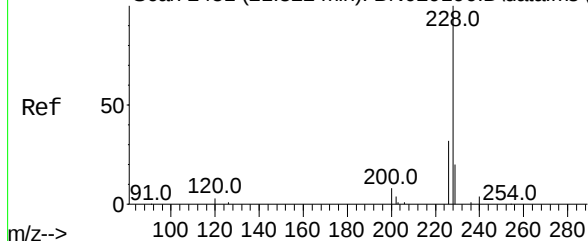
122 34.3 23.9 35.9



Abundance Scan 2153 (19.786 min): BN029228.D\data.ms (-2121) (-)



Abundance Scan 2451 (21.322 min): BN029196.D\data.ms (-228) (-)



Benzo(a)anthracene

Concen: 0.021 ng

RT: 21.331 min Scan# 2452

Delta R.T. 0.009 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

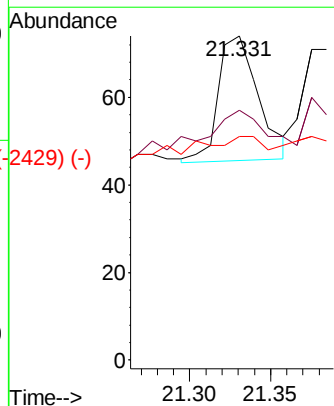
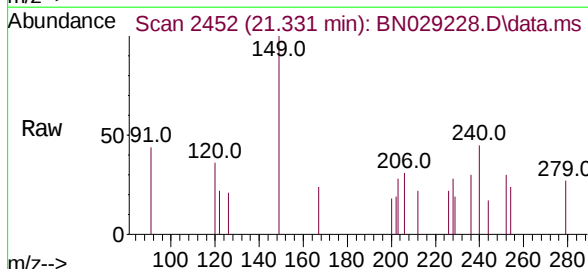
Tgt Ion:228 Resp: 49

Ion Ratio Lower Upper

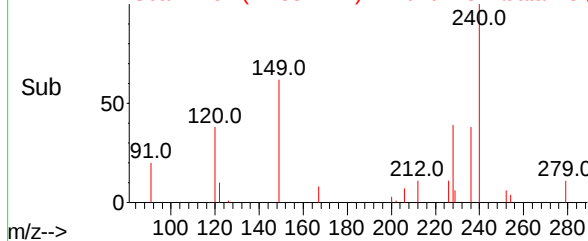
228 100

226 77.0 29.0 43.4#

229 68.9 20.1 30.1#



Abundance Scan 2452 (21.331 min): BN029228.D\data.ms (-2429) (-)



Abundance Scan 2457 (21.376 min): BN029196.D\data.ms (-2433) (-)

Chrysene

Concen: 0.021 ng

RT: 21.375 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BN029228.D

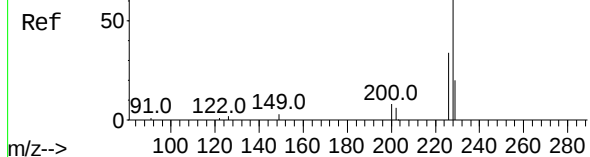
Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104



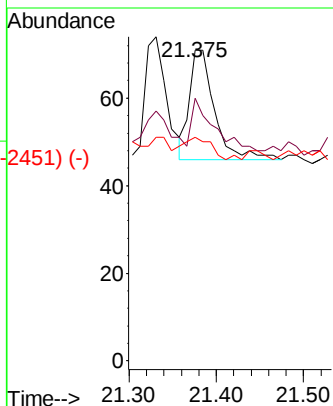
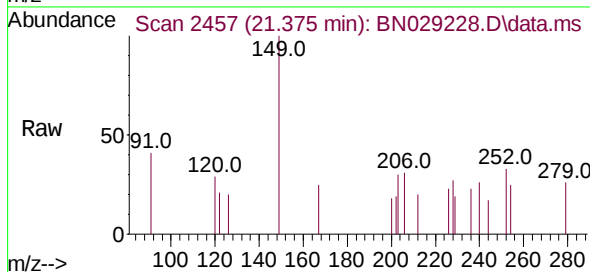
Tgt Ion:228 Resp: 50

Ion Ratio Lower Upper

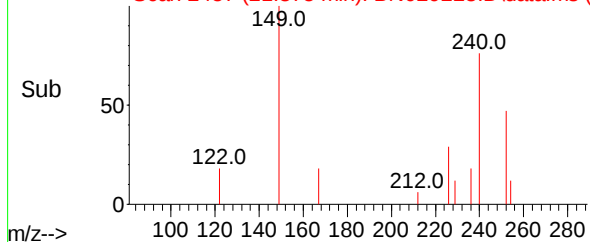
228 100

226 84.5 30.4 45.6#

229 71.8 19.8 29.6#



Abundance Scan 2457 (21.375 min): BN029228.D\data.ms (-2451) (-)



Abundance Scan 2445 (21.268 min): BN029196.D\data.ms (-2434) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.295 ng

RT: 21.277 min Scan# 2446

Delta R.T. 0.009 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

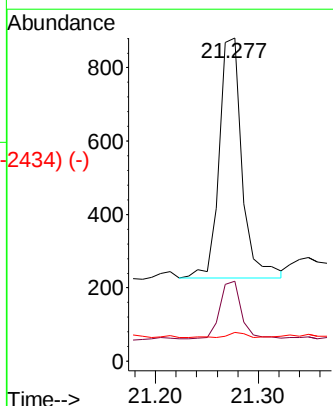
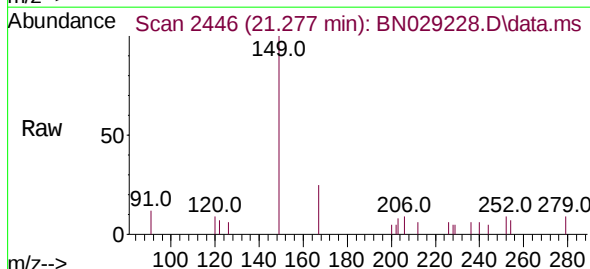
Tgt Ion:149 Resp: 1004

Ion Ratio Lower Upper

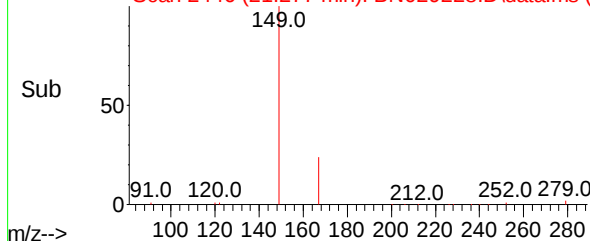
149 100

167 22.8 20.7 31.1

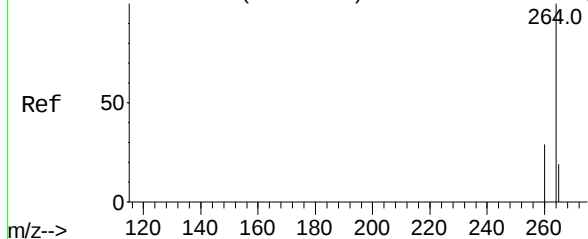
279 2.2 2.4 3.6#



Abundance Scan 2446 (21.277 min): BN029228.D\data.ms (-2434) (-)



Abundance Scan 2990 (23.628 min): BN029196.D\data.ms (-2925) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.633 min Scan# 2992

Delta R.T. 0.006 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

Instrument :

BNA_N

ClientSampleId :

SP-100-20240104

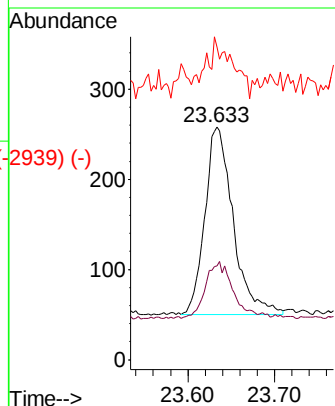
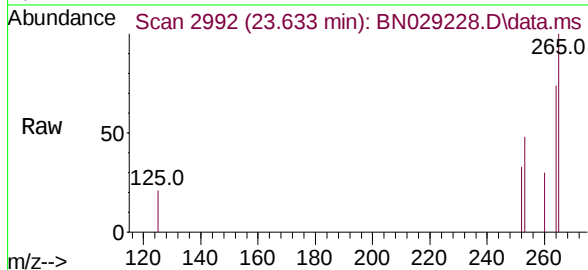
Tgt Ion:264 Resp: 472

Ion Ratio Lower Upper

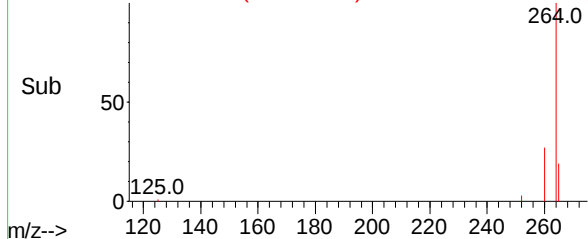
264 100

260 40.3 30.2 45.4

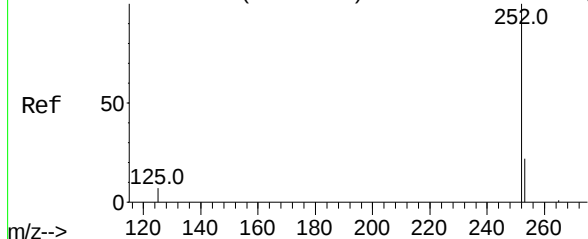
265 134.5 88.1 132.1#



Abundance Scan 2992 (23.633 min): BN029228.D\data.ms (-2939) (-)



Abundance Scan 2754 (22.938 min): BN029196.D\data.ms (-2787) (-)



Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.946 min Scan# 2757

Delta R.T. 0.009 min

Lab File: BN029228.D

Acq: 09 Jan 2024 15:08

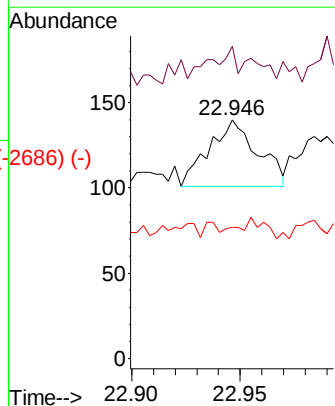
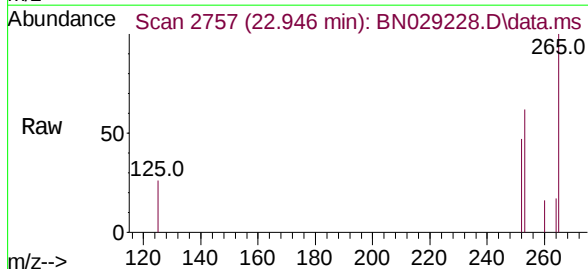
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 130.7 34.3 51.5#

125 55.0 13.4 20.0#



Abundance Scan 2757 (22.946 min): BN029228.D\data.ms (-2686) (-)

