

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)

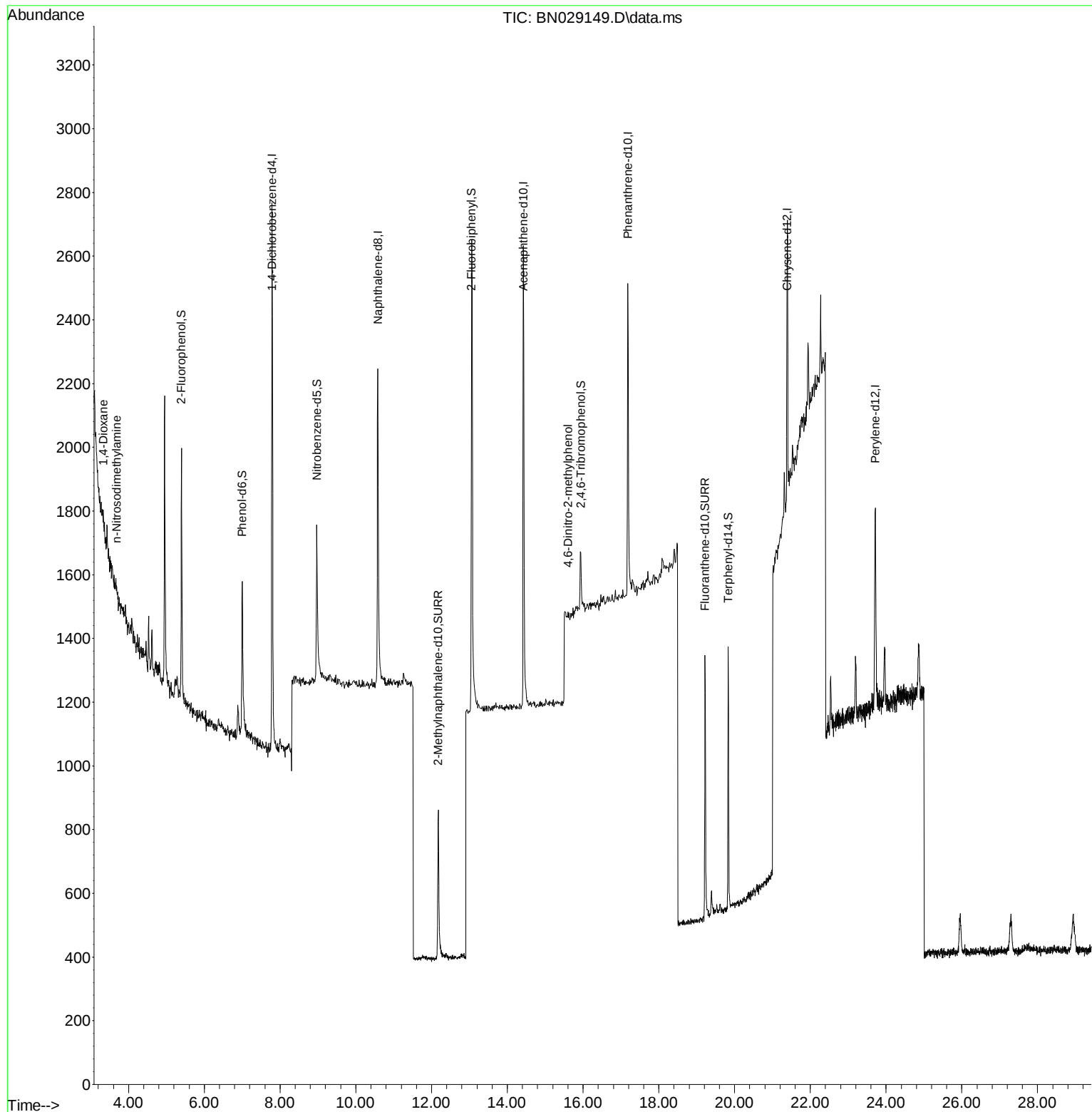
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	936	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1754	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	964	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1737	0.400	ng	0.00
29) Chrysene-d12	21.393	240	758	0.400	ng	0.00
35) Perylene-d12	23.715	264	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
2) 1,4-Dioxane	3.333	88	22	0.025	ng	# 38
3) n-Nitrosodimethylamine	3.687	42	29	0.048	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.605	198	4	0.068	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.313	149	247	Below Cal		# 91

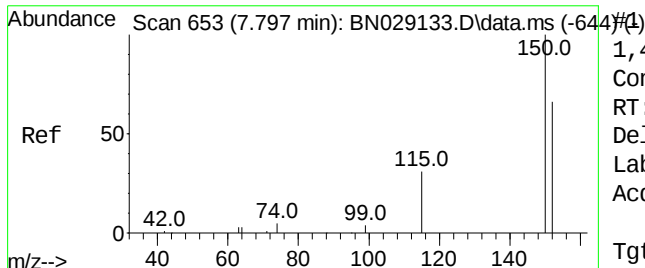
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

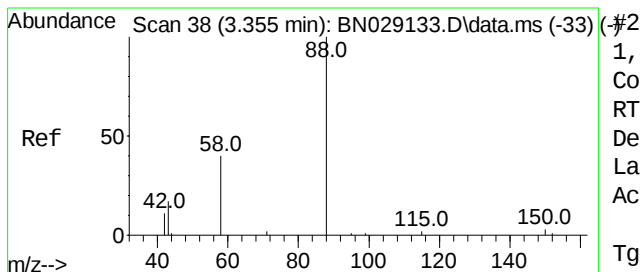
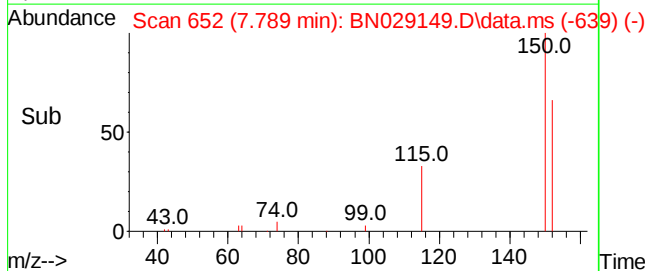
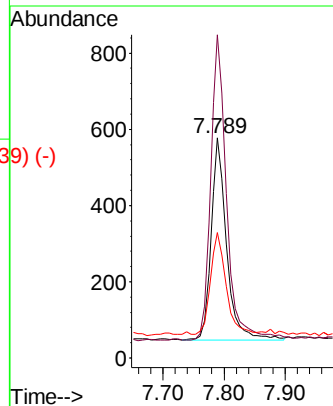
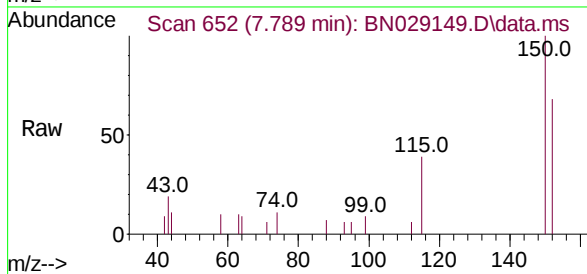




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 1
 Delta R.T. -0.008 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

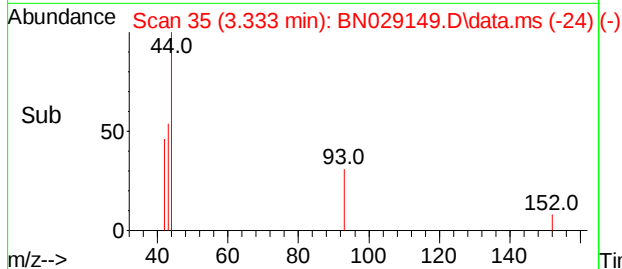
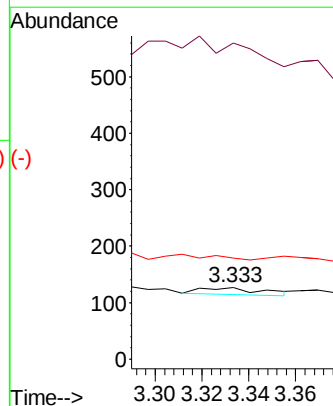
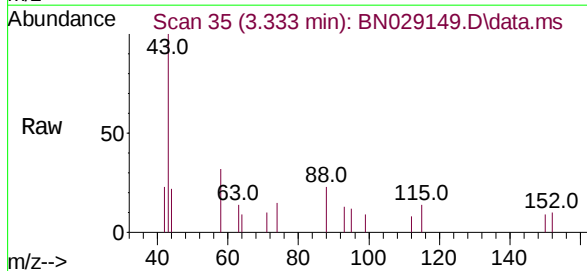
Instrument :
 BNA_N
 ClientSampleId :
 PB157677BL

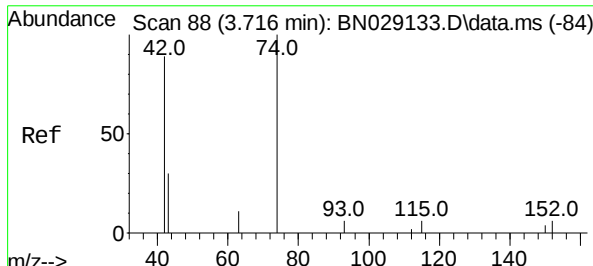
Tgt Ion: 152 Resp: 936
 Ion Ratio Lower Upper
 152 100
 150 147.0 117.6 176.4
 115 57.2 44.2 66.2



1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.022 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

Tgt Ion: 88 Resp: 22
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.1 30.1#
 58 0.0 35.4 53.2#

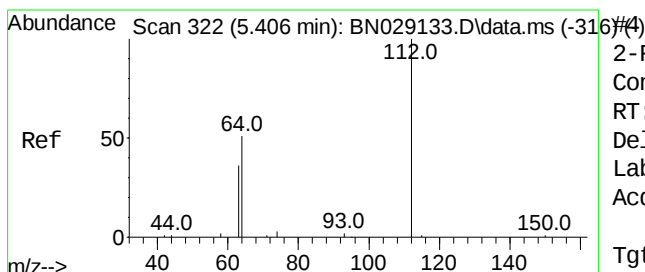
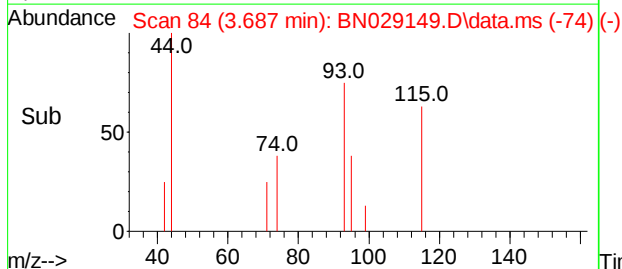
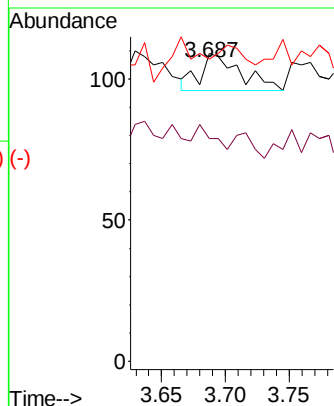
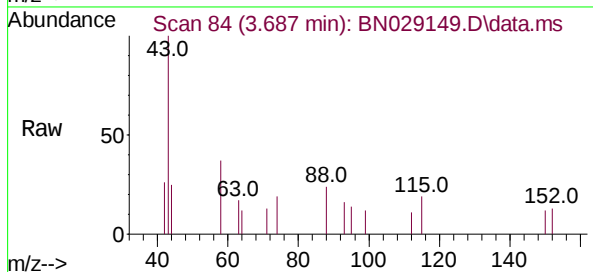




n-Nitrosodimethylamine
 Concen: 0.048 ng
 RT: 3.687 min Scan# 81
 Delta R.T. -0.029 min
 Lab File: BN029149.D
 Acq: 21 Dec 2023 14:23

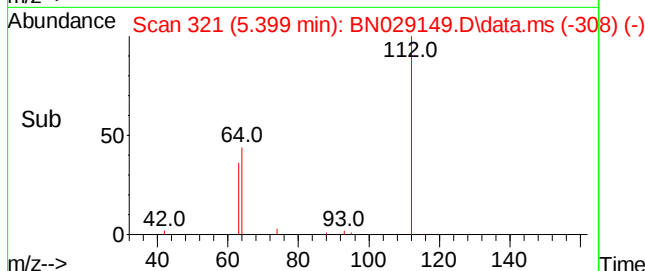
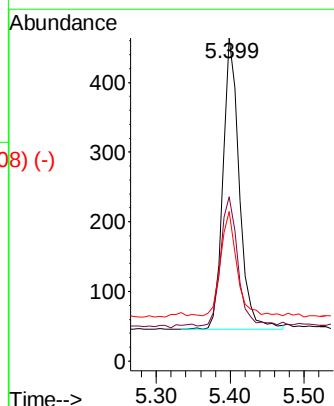
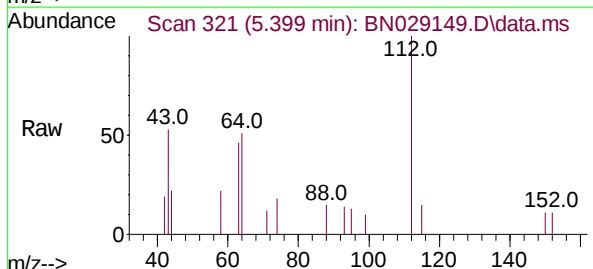
Instrument :
 BNA_N
 ClientSampleId :
 PB157677BL

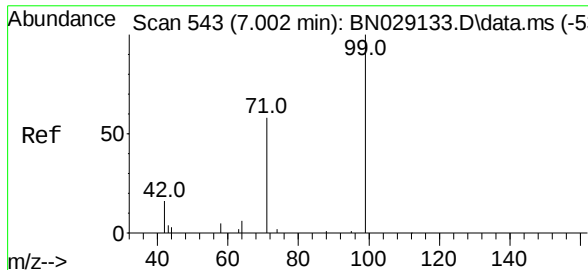
Tgt Ion: 42 Resp: 29
 Ion Ratio Lower Upper
 42 100
 74 24.1 103.0 154.4#
 44 0.0 3.2 4.8#



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

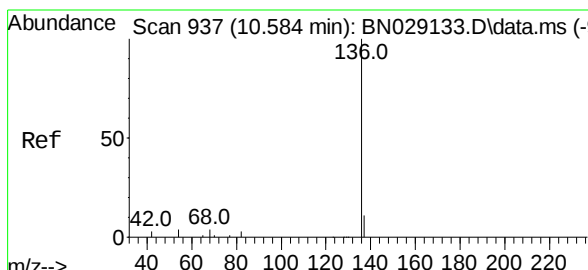
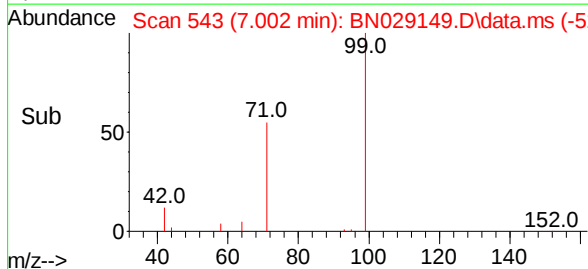
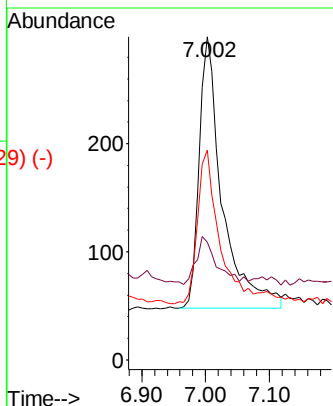
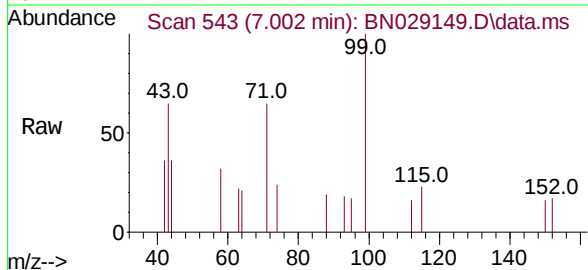




Phenol-d6
Concen: 0.255 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

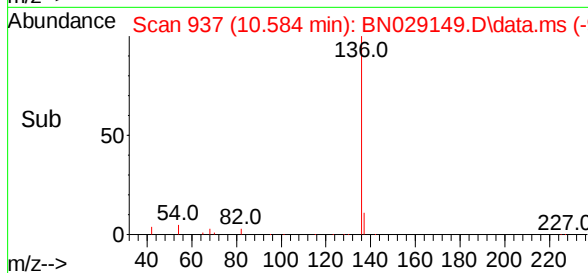
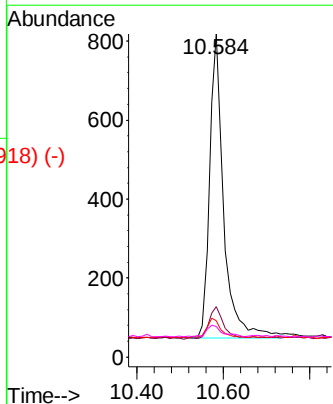
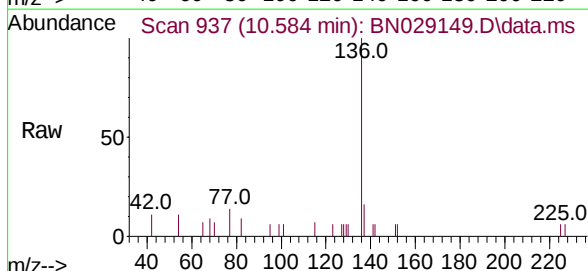
Instrument :
BNA_N
ClientSampleId :
PB157677BL

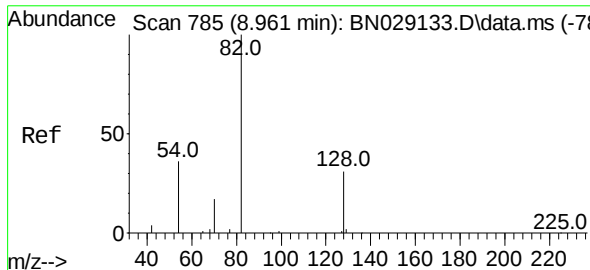
Tgt Ion:	99	Resp:	627
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	53.3	45.4	68.2



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





Nitrobenzene-d5

Concen: 0.306 ng

RT: 8.971 min Scan#

Delta R.T. 0.010 min

Lab File: BN029149.D

Acq: 21 Dec 2023 14:23

Instrument :

BNA_N

ClientSampleId :

PB157677BL

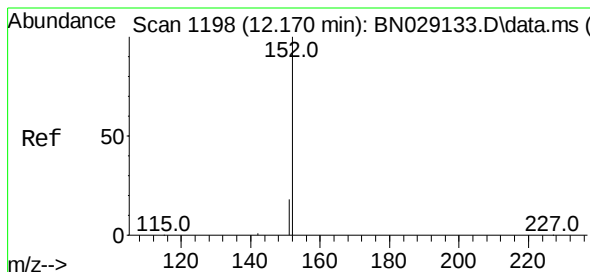
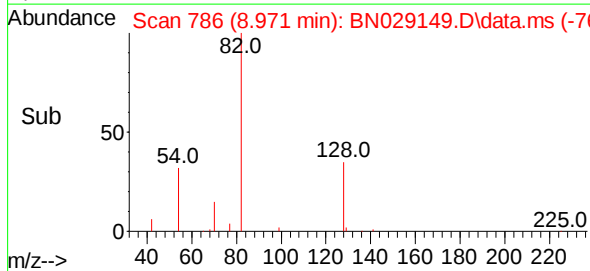
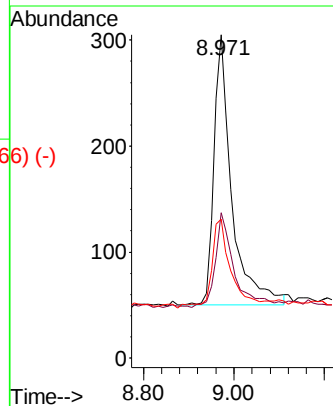
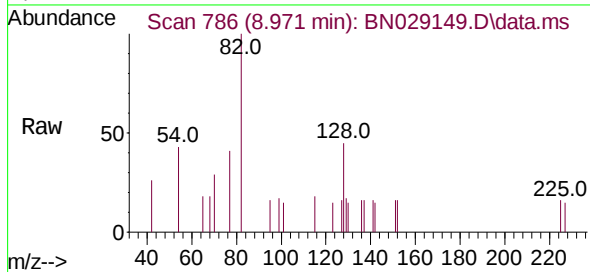
Tgt Ion: 82 Resp: 700

Ion Ratio Lower Upper

82 100

128 44.9 33.0 49.4

54 43.0 35.8 53.8



2-Methylnaphthalene-d10

Concen: 0.327 ng

RT: 12.178 min Scan# 1200

Delta R.T. 0.007 min

Lab File: BN029149.D

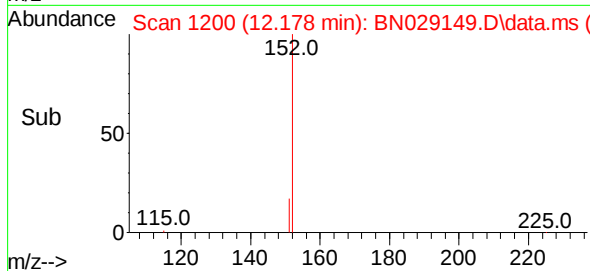
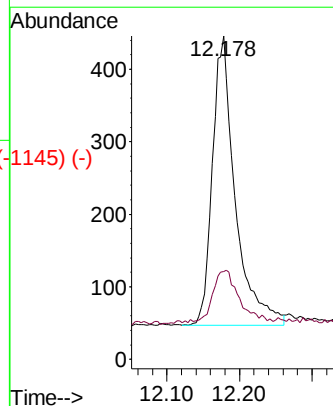
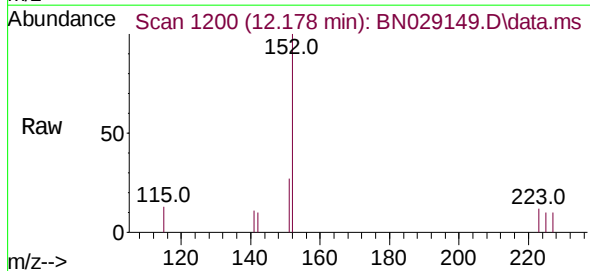
Acq: 21 Dec 2023 14:23

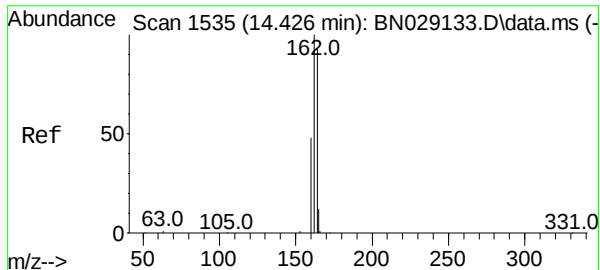
Tgt Ion: 152 Resp: 870

Ion Ratio Lower Upper

152 100

151 19.7 17.4 26.2





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 :

BNA_N

ClientSampleId :

PB157677BL

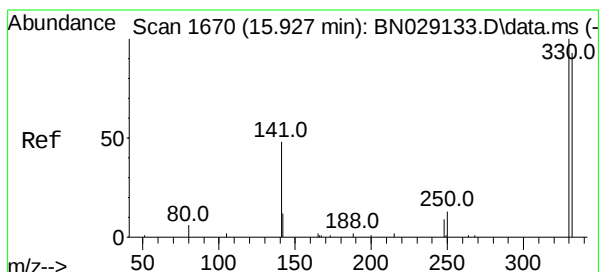
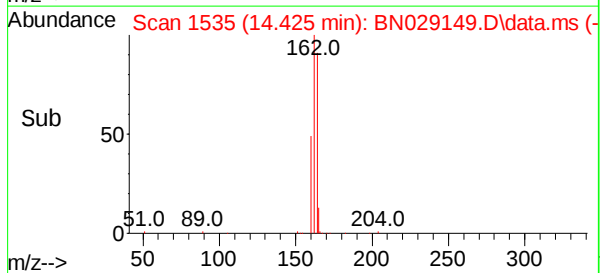
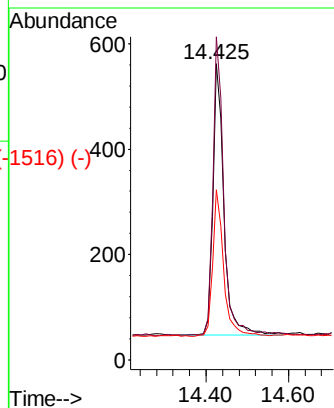
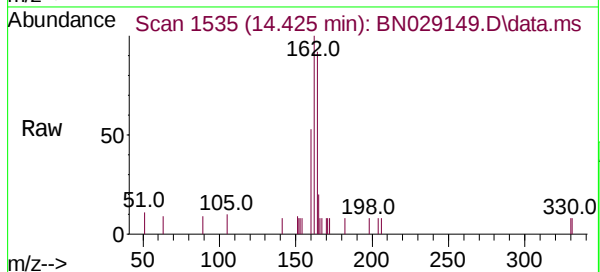
Tgt Ion:164 Resp: 964

Ion Ratio Lower Upper

164 100

162 109.1 85.0 127.4

160 57.5 45.8 68.8



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

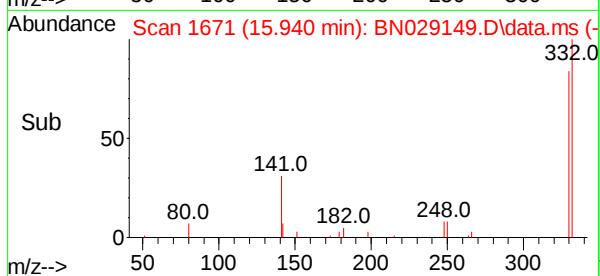
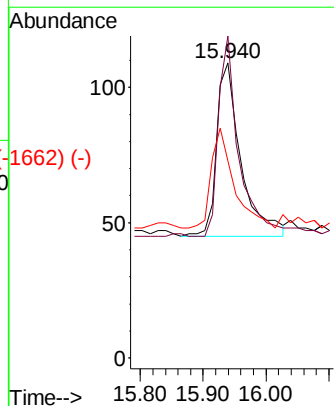
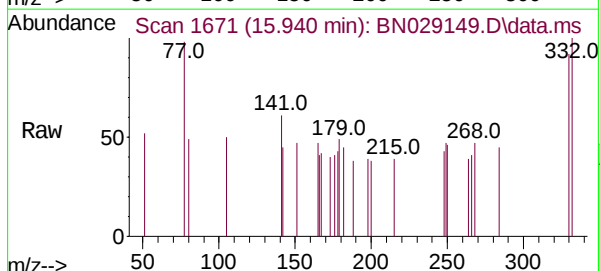
Tgt Ion:330 Resp: 171

Ion Ratio Lower Upper

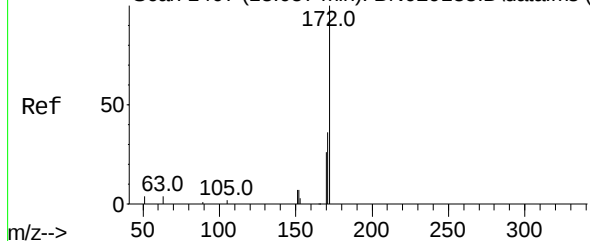
330 100

332 97.1 83.4 125.0

141 54.4 43.8 65.8



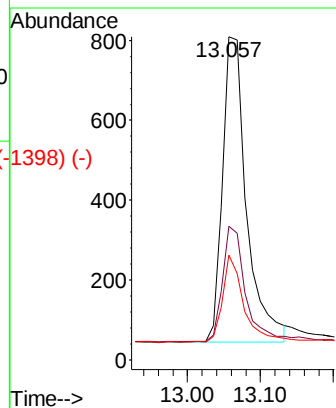
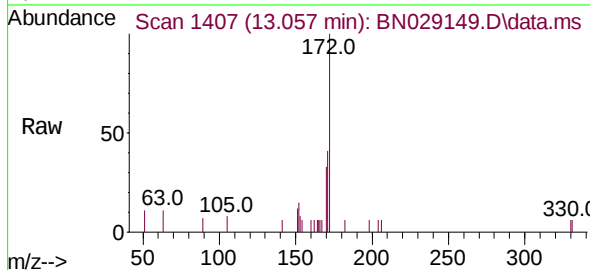
Abundance Scan 1407 (13.057 min): BN029133.D\data.ms (-1405) (-)



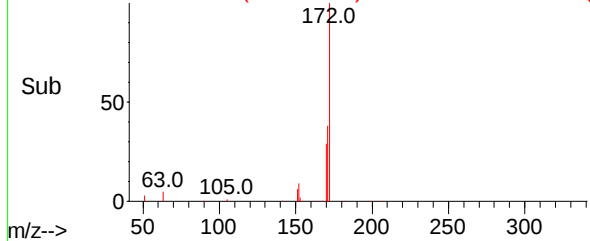
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

Instrument :
BNA_N
ClientSampleId :
PB157677BL

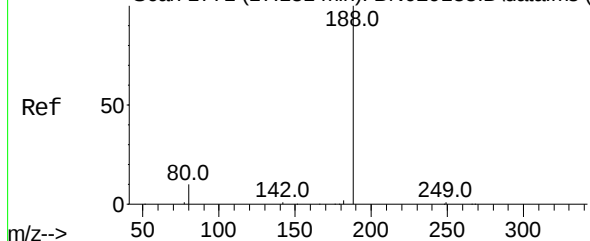
Tgt Ion:	172	Resp:	1733
Ion	Ratio	Lower	Upper
172	100		
171	41.4	32.2	48.4
170	32.5	25.0	37.4



Abundance Scan 1407 (13.057 min): BN029149.D\data.ms (-1398) (-)

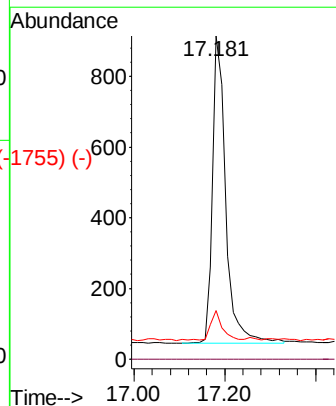
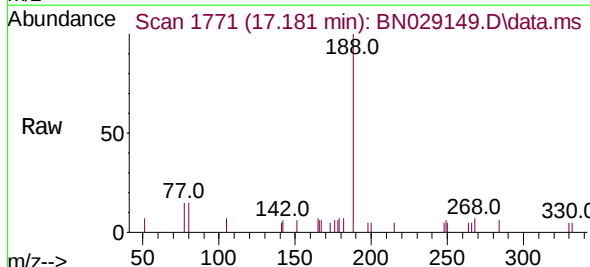


Abundance Scan 1771 (17.181 min): BN029133.D\data.ms (-1765) (-)

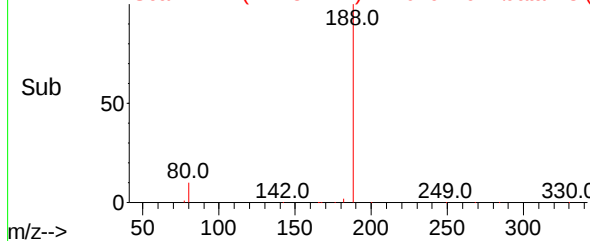


Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

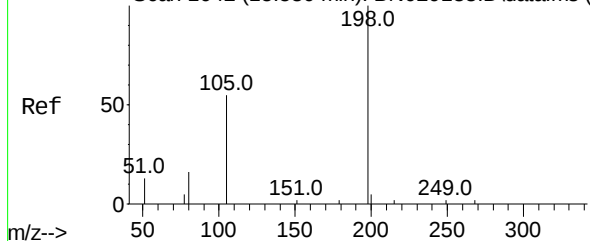
Tgt Ion:	188	Resp:	1737
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	13.7	20.5



Abundance Scan 1771 (17.181 min): BN029149.D\data.ms (-1755) (-)



Abundance Scan 1642 (15.580 min): BN029133.D\data.ms (-1629) (-)

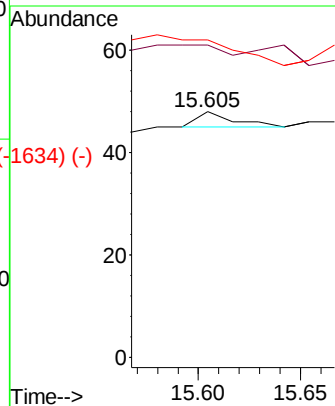
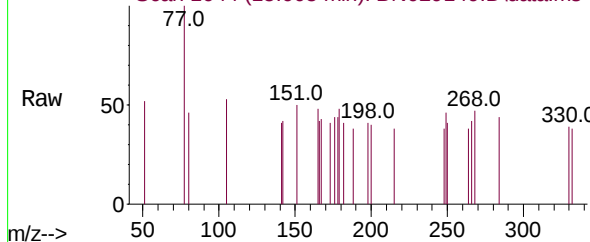


4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.605 min Scan# 1629
Delta R.T. 0.025 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

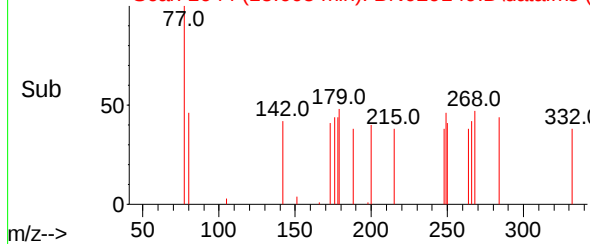
Instrument :
BNA_N
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Tgt Ion:	198	Resp:	4
Ion	Ratio	Lower	Upper
198	100		
51	127.1	53.6	80.4#
105	129.2	65.6	98.4#

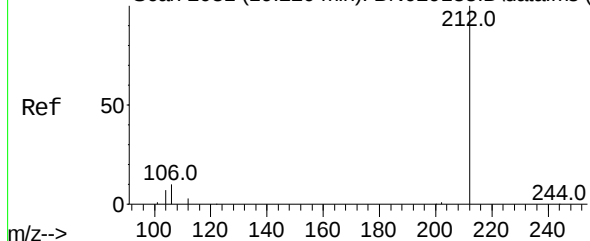
Abundance Scan 1644 (15.605 min): BN029149.D\data.ms



Abundance Scan 1644 (15.605 min): BN029149.D\data.ms (-1634) (-)



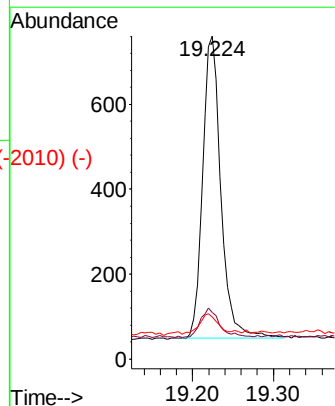
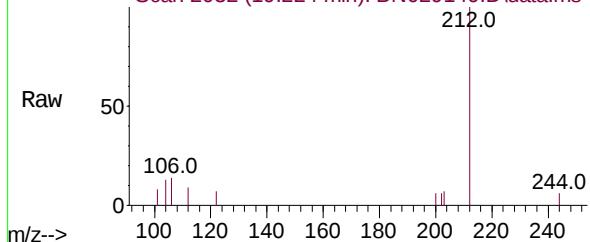
Abundance Scan 2031 (19.220 min): BN029133.D\data.ms (-2023) (-)



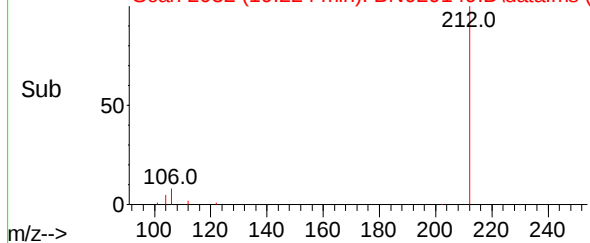
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.224 min Scan# 2032
Delta R.T. 0.004 min
Lab File: BN029149.D
Acq: 21 Dec 2023 14:23

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

Abundance Scan 2032 (19.224 min): BN029149.D\data.ms



Abundance Scan 2032 (19.224 min): BN029149.D\data.ms (-2010) (-)



Abundance Scan 2458 (21.389 min): BN029133.D\data.ms (-2436) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 2134

Delta R.T. 0.004 min

Lab File: BN029149.D

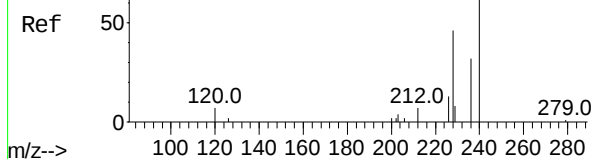
Acq: 21 Dec 2023 14:23

Instrument :

BNA_N

ClientSampleId :

PB157677BL



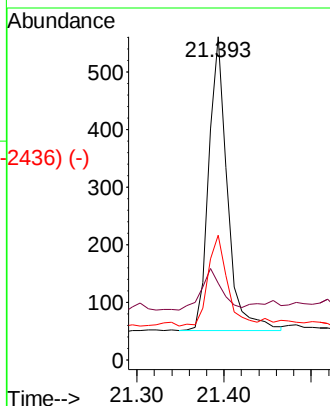
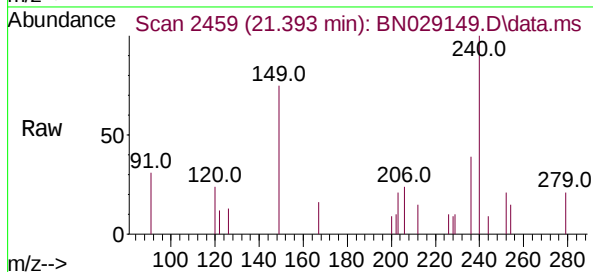
Tgt Ion:240 Resp: 758

Ion Ratio Lower Upper

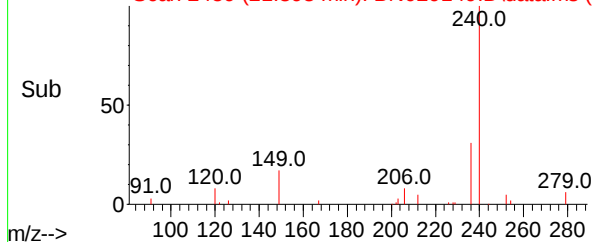
240 100

120 23.7 21.4 32.0

236 38.7 33.5 50.3



Abundance Scan 2459 (21.393 min): BN029149.D\data.ms (-2436) (-)



Abundance Scan 2162 (19.829 min): BN029133.D\data.ms (-2134) (-)

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

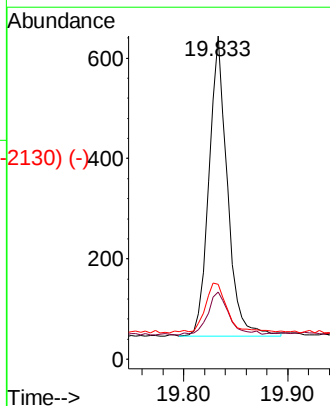
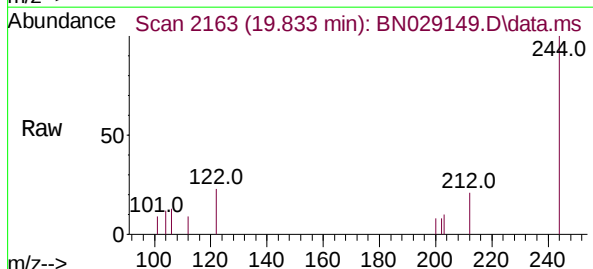
Tgt Ion:244 Resp: 737

Ion Ratio Lower Upper

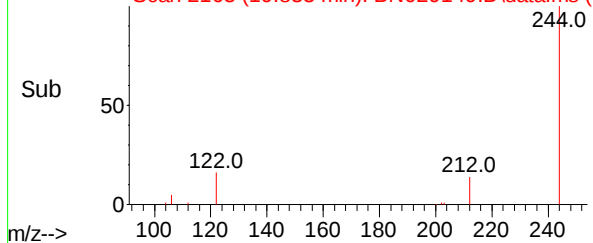
244 100

212 20.8 19.0 28.6

122 23.1 22.5 33.7



Abundance Scan 2163 (19.833 min): BN029149.D\data.ms (-2130) (-)



Abundance Scan 2449 (21.308 min): BN029133.D\data.ms (-2438) (-)

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.313 min Scan# 1

Delta R.T. 0.004 min

Lab File: BN029149.D

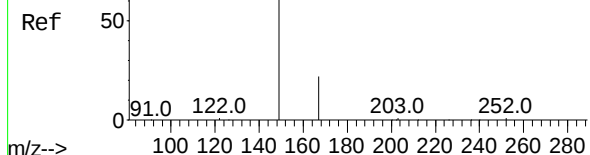
Acq: 21 Dec 2023 14:23

Instrument :

BNA_N

ClientSampleId :

PB157677BL



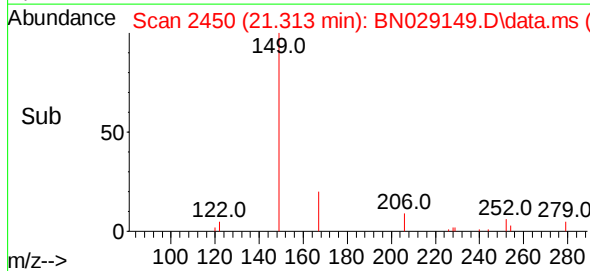
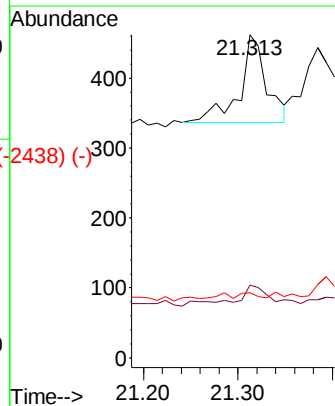
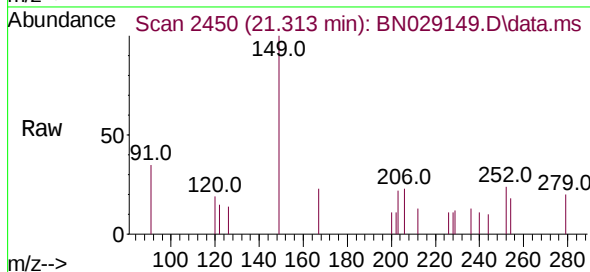
Tgt Ion:149 Resp: 247

Ion Ratio Lower Upper

149 100

167 20.6 20.2 30.2

279 4.5 2.5 3.7#



Abundance Scan 3017 (23.711 min): BN029133.D\data.ms (-2935) (-)

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

