

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022122\
 Data File : BP009231.D
 Acq On : 21 Feb 2022 13:13
 Operator : CG/JU
 Sample : N1599-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SPN-4

Quant Time: Feb 22 01:50:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

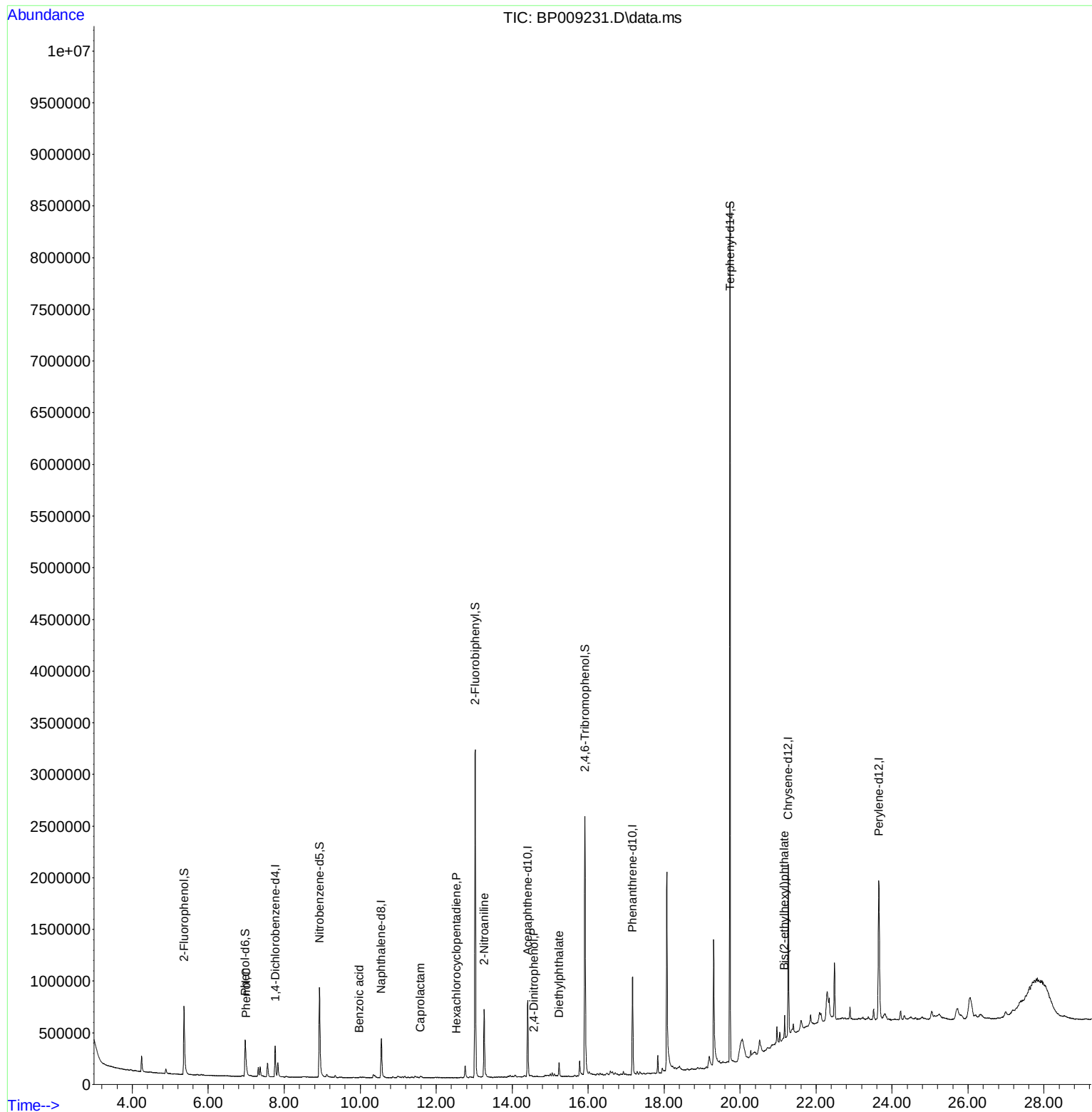
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	99210	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	387682	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	284910	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	687826	20.000	ng	0.00
76) Chrysene-d12	21.268	240	901034	20.000	ng	-0.01
86) Perylene-d12	23.651	264	1179048	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	425600	76.523	ng	0.00
7) Phenol-d6	6.969	99	330839	45.144	ng	0.00
23) Nitrobenzene-d5	8.928	82	639896	93.082	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	665234	174.875	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	1861175	91.448	ng	0.00
79) Terphenyl-d14	19.733	244	4260617	85.036	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.998	94	16915	2.296	ng	# 54
32) Benzoic acid	9.981	122	57	2.705	ng	# 1
35) Caprolactam	11.586	113	5282	2.868	ng	# 79
41) Hexachlorocyclopentadiene	12.534	237	15	8.660	ng	87
48) 2-Nitroaniline	13.263	65	19140	4.966	ng	# 8
54) 2,4-Dinitrophenol	14.575	184	31	2.184	ng	# 1
60) Diethylphthalate	15.233	149	82658	4.304	ng	97
84) Bis(2-ethylhexyl)phtha...	21.168	149	86581	2.970	ng	97

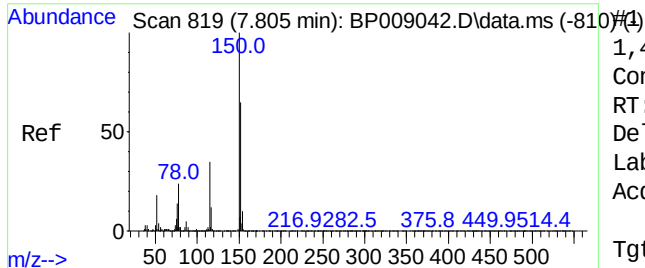
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SPN-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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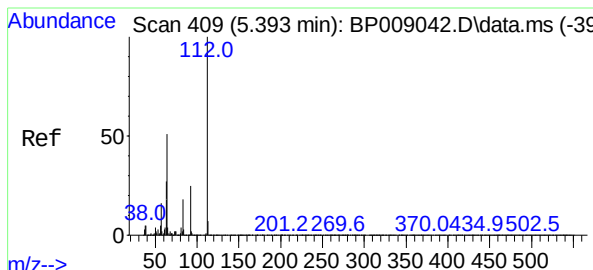
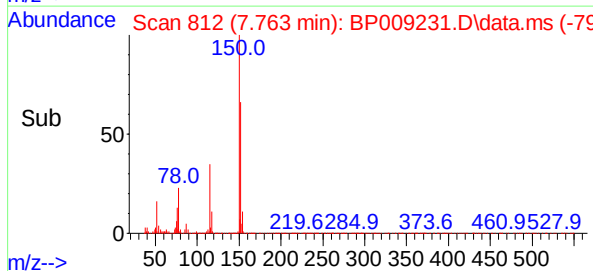
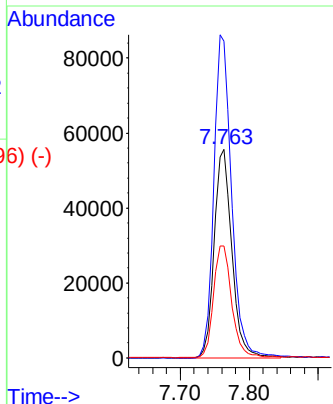
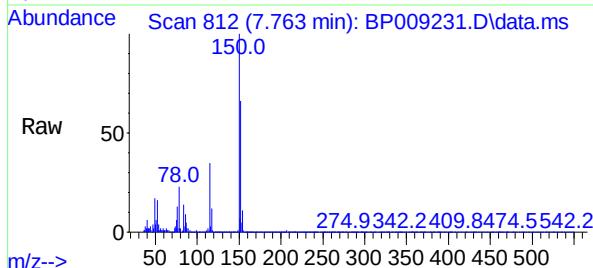




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BP009231.D
 Acq: 21 Feb 2022 13:13

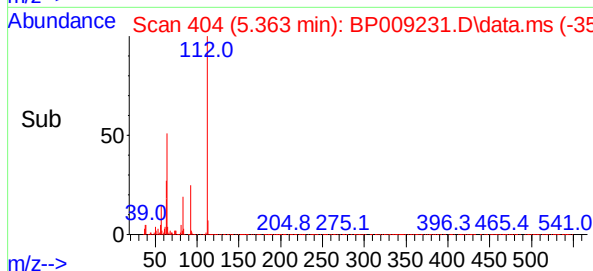
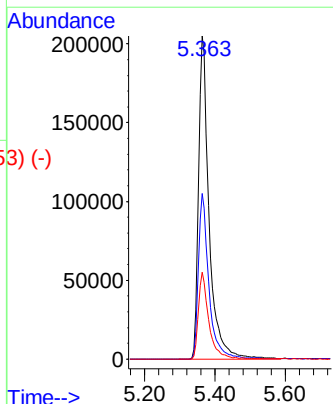
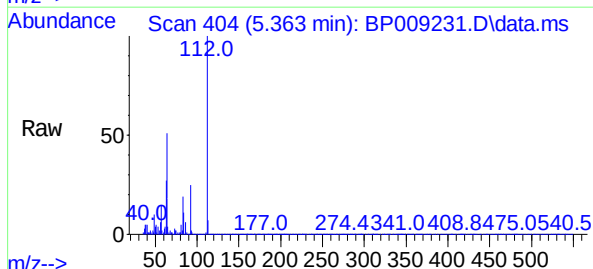
Instrument :
 BNA_P
 ClientSampleId :
 SPN-4

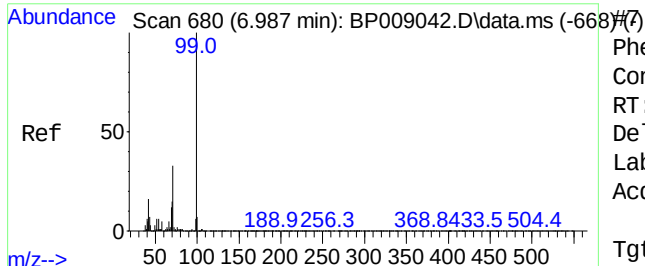
Tgt Ion:152 Resp: 99210
 Ion Ratio Lower Upper
 152 100
 150 151.7 127.0 190.6
 115 53.8 43.7 65.5



2-Fluorophenol
 Concen: 76.523 ng
 RT: 5.363 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: BP009231.D
 Acq: 21 Feb 2022 13:13

Tgt Ion:112 Resp: 425600
 Ion Ratio Lower Upper
 112 100
 64 51.3 39.7 59.5
 63 27.0 20.0 30.0

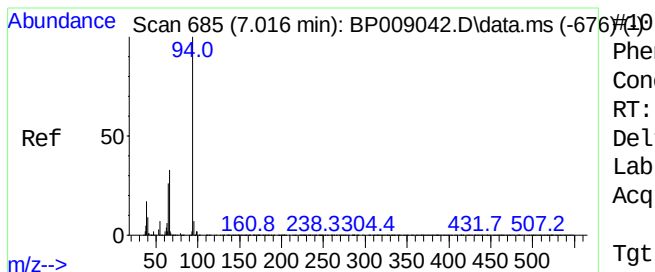
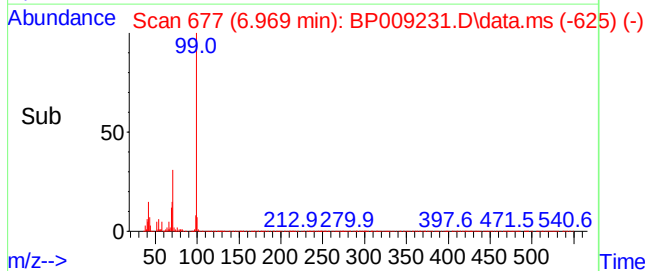
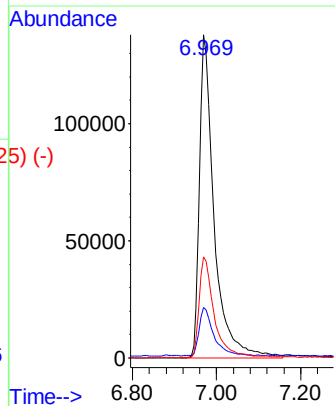
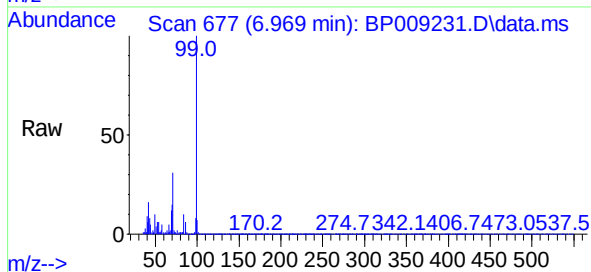




Phenol-d6
 Concen: 45.144 ng
 RT: 6.969 min Scan# 677
 Delta R.T. 0.006 min
 Lab File: BP009231.D
 Acq: 21 Feb 2022 13:13

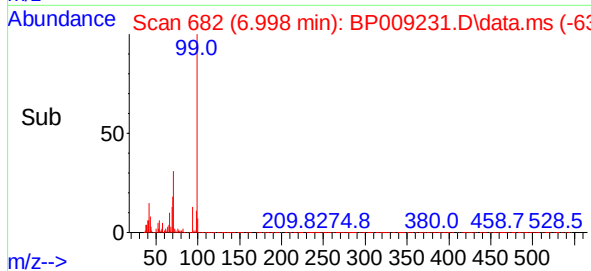
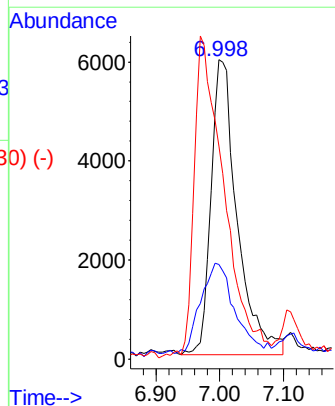
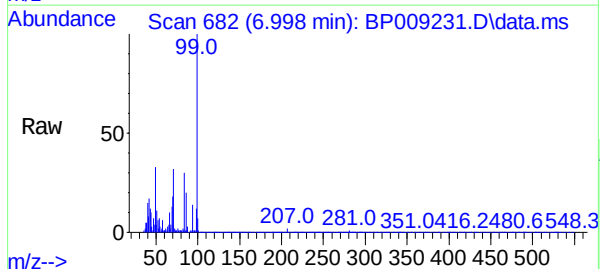
Instrument :
 BNA_P
 ClientSampleId :
 SPN-4

Tgt Ion:	99	Resp:	330839
Ion	Ratio	Lower	Upper
99	100		
42	15.7	10.8	16.2
71	31.2	23.8	35.6



Phenol
 Concen: 2.296 ng
 RT: 6.998 min Scan# 682
 Delta R.T. 0.005 min
 Lab File: BP009231.D
 Acq: 21 Feb 2022 13:13

Tgt Ion:	94	Resp:	16915
Ion	Ratio	Lower	Upper
94	100		
65	31.6	4.1	44.1
66	71.1	12.4	52.4#



Abundance Scan 1295 (10.604 min): BP009042.D\data.ms (-1224) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BP009231.D

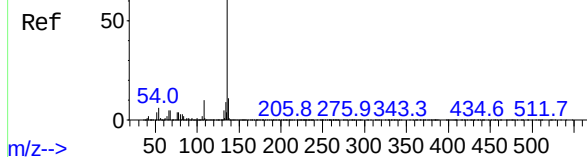
Acq: 21 Feb 2022 13:13

Instrument :

BNA_P

ClientSampleId :

SPN-4



Tgt Ion:136 Resp: 387682

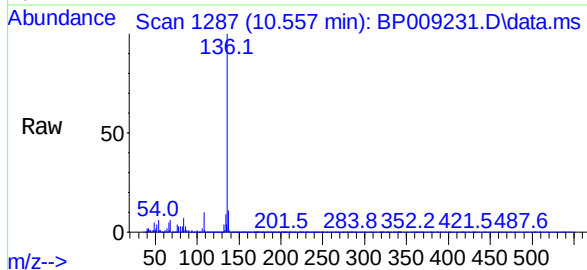
Ion Ratio Lower Upper

136 100

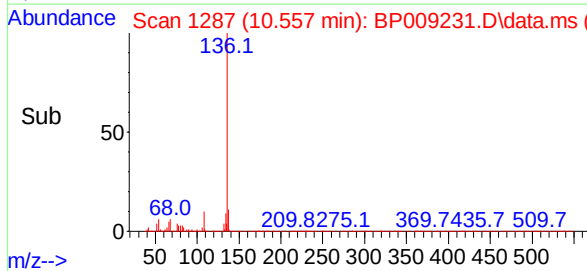
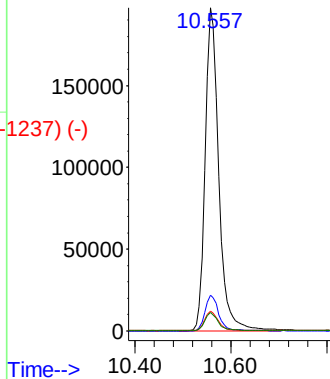
137 11.2 9.0 13.4

54 6.1 4.9 7.3

68 5.7 4.3 6.5



Abundance



Abundance Scan 1017 (8.969 min): BP009042.D\data.ms (-10093) (-)

Nitrobenzene-d5

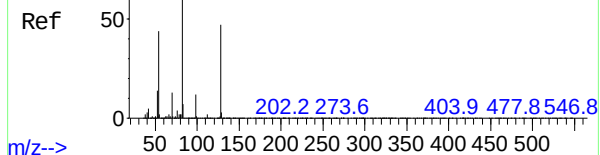
Concen: 93.082 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13



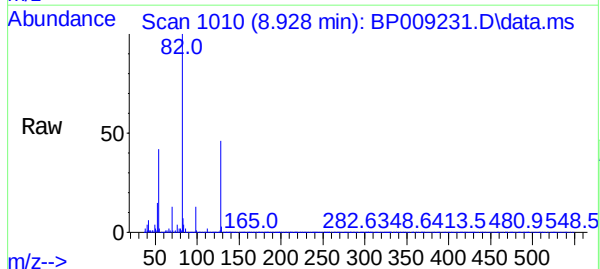
Tgt Ion: 82 Resp: 639896

Ion Ratio Lower Upper

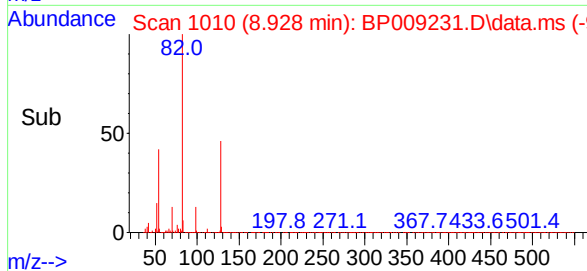
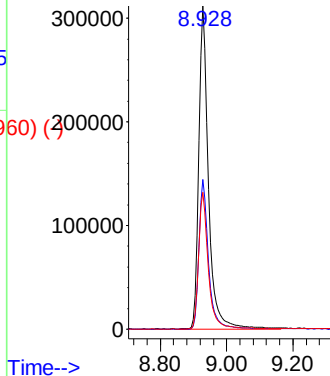
82 100

128 46.3 39.4 59.2

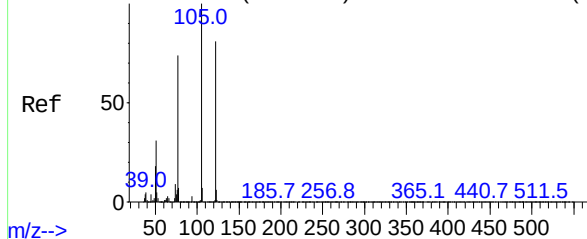
54 42.4 32.6 48.8



Abundance



Abundance Scan 1187 (9.969 min): BP009042.D\data.ms (-11732-)

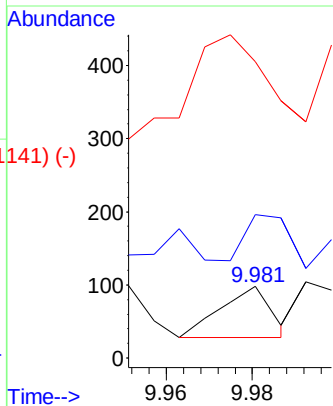
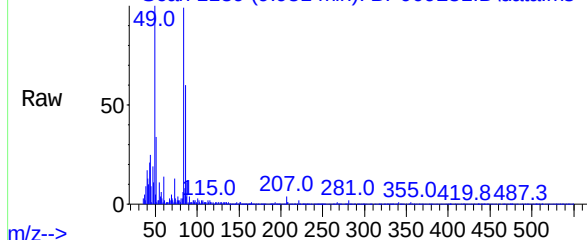


Benzoic acid
Concen: 2.705 ng
RT: 9.981 min Scan# 1187
Delta R.T. -0.018 min
Lab File: BP009231.D
Acq: 21 Feb 2022 13:13

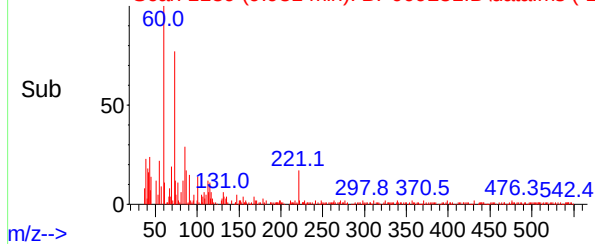
Instrument :
BNA_P
ClientSampleId :
SPN-4

Tgt Ion:	122	Resp:	57
Ion	Ratio	Lower	Upper
122	100		
105	200.0	100.1	140.1#
77	413.3	65.5	105.5#

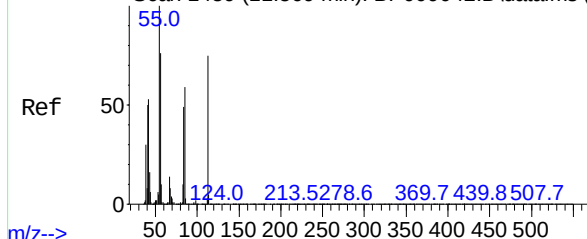
Abundance Scan 1189 (9.981 min): BP009231.D\data.ms



Abundance Scan 1189 (9.981 min): BP009231.D\data.ms (-1141) (-)



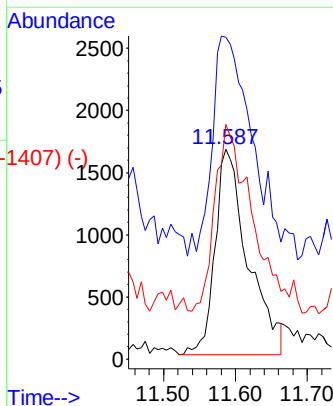
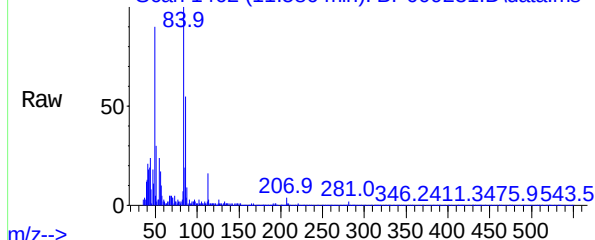
Abundance Scan 1459 (11.569 min): BP009042.D\data.ms (-1435) (-)



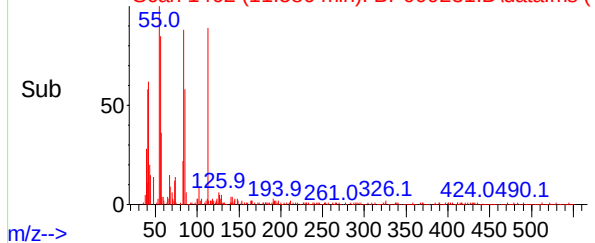
Caprolactam
Concen: 2.868 ng
RT: 11.586 min Scan# 1462
Delta R.T. 0.023 min
Lab File: BP009231.D
Acq: 21 Feb 2022 13:13

Tgt Ion:	113	Resp:	5282
Ion	Ratio	Lower	Upper
113	100		
55	153.1	107.1	147.1#
56	111.8	74.1	114.1

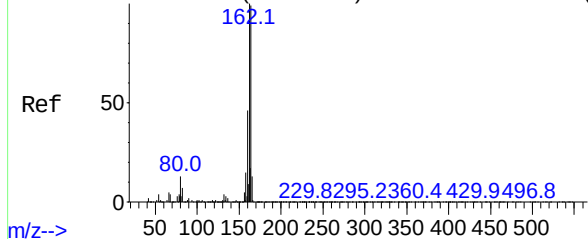
Abundance Scan 1462 (11.586 min): BP009231.D\data.ms



Abundance Scan 1462 (11.586 min): BP009231.D\data.ms (-1407) (-)



Abundance Scan 1948 (14.445 min): BP009042.D\data.ms (-1939) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan#

Delta R.T. -0.006 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Instrument :

BNA_P

ClientSampleId :

SPN-4

Tgt Ion:164 Resp: 284910

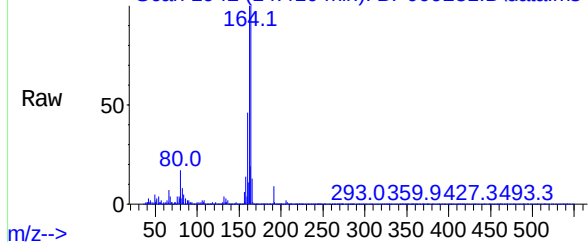
Ion Ratio Lower Upper

164 100

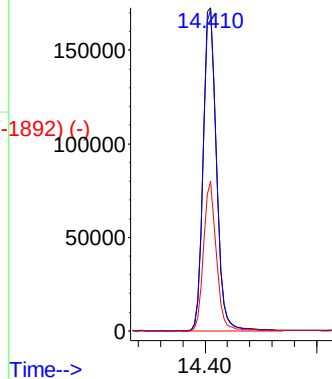
162 99.6 79.9 119.9

160 46.4 35.5 53.3

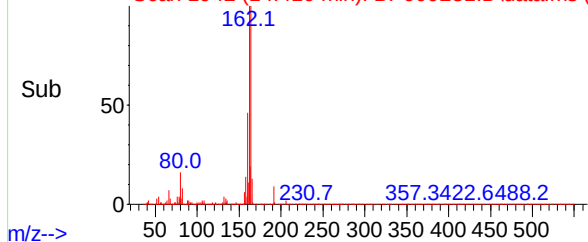
Abundance Scan 1942 (14.410 min): BP009231.D\data.ms



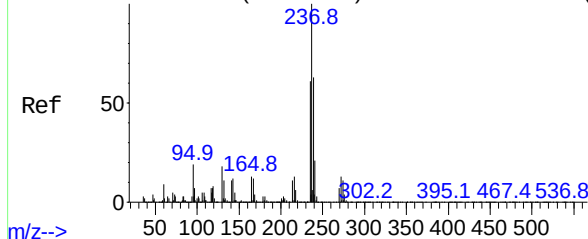
Abundance



Abundance Scan 1942 (14.410 min): BP009231.D\data.ms (-1892) (-)



Abundance Scan 1637 (12.616 min): BP009042.D\data.ms (-1620) (-)



Hexachlorocyclopentadiene

Concen: 8.660 ng

RT: 12.534 min Scan# 1623

Delta R.T. -0.042 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Tgt Ion:237 Resp: 15

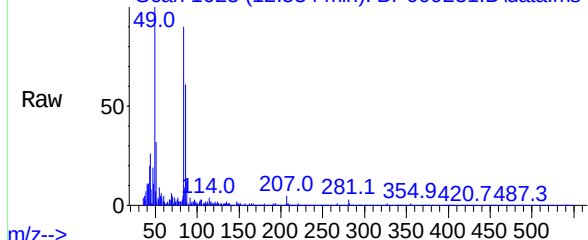
Ion Ratio Lower Upper

237 100

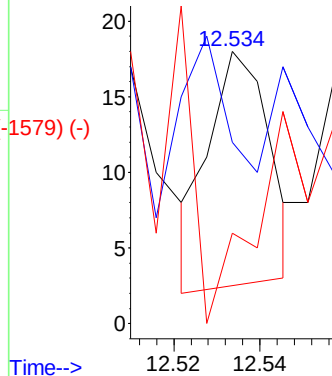
235 66.7 42.9 82.9

272 33.3 0.0 33.8

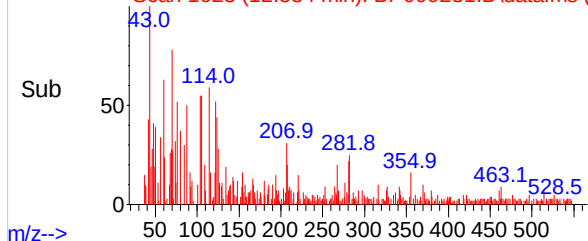
Abundance Scan 1623 (12.534 min): BP009231.D\data.ms



Abundance



Abundance Scan 1623 (12.534 min): BP009231.D\data.ms (-1579) (-)



Abundance Scan 2203 (15.945 min): BP009042.D\data.ms (-2194) (-)

2,4,6-Tribromophenol

Concen: 174.875 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Instrument :

BNA_P

ClientSampleId :

SPN-4

Tgt Ion:330 Resp: 665234

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 27.2 21.3 31.9

Abundance Scan 2198 (15.916 min): BP009231.D\data.ms

Ref

62.0 140.9 221.8 329.8 395.0460.8527.1

m/z-->

Abundance Scan 2198 (15.916 min): BP009231.D\data.ms

Raw

62.0 140.9 221.8 329.8 395.1461.0528.8

m/z-->

Abundance Scan 2198 (15.916 min): BP009231.D\data.ms (-2148) (-)

Sub

62.0 140.9 221.8 329.8 395.1462.6527.4

m/z-->

Abundance

15.916

300000

200000

100000

0

Time-->

15.80 16.00 16.20

Abundance Scan 1714 (13.069 min): BP009042.D\data.ms (-1705) (-)

2-Fluorobiphenyl

Concen: 91.448 ng

RT: 13.028 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Tgt Ion:172 Resp: 1861175

Ion Ratio Lower Upper

172 100

171 35.2 29.3 43.9

170 23.1 19.5 29.3

Abundance Scan 1707 (13.028 min): BP009231.D\data.ms

Ref

85.0 172.1 239.4306.6377.6443.6508.3

m/z-->

Abundance Scan 1707 (13.028 min): BP009231.D\data.ms

Raw

85.0 172.1 287.5355.8423.1487.5

m/z-->

Abundance Scan 1707 (13.028 min): BP009231.D\data.ms (-1657) (-)

Sub

85.0 172.1 240.4 341.9412.1482.8547.2

m/z-->

Abundance

13.028

1000000

800000

600000

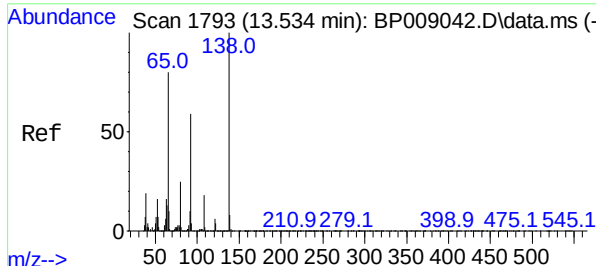
400000

200000

0

Time-->

13.00 13.20



2-Nitroaniline

Concen: 4.966 ng

RT: 13.263 min Scan# 1793

Delta R.T. -0.253 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Instrument :

BNA_P

ClientSampleId :

SPN-4

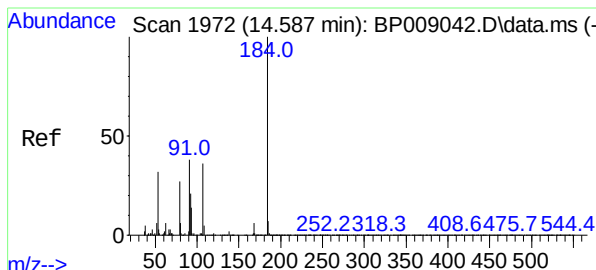
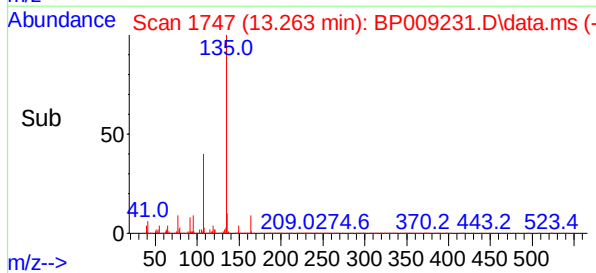
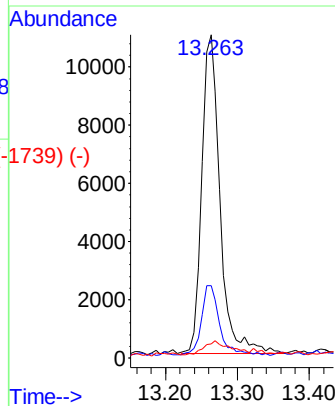
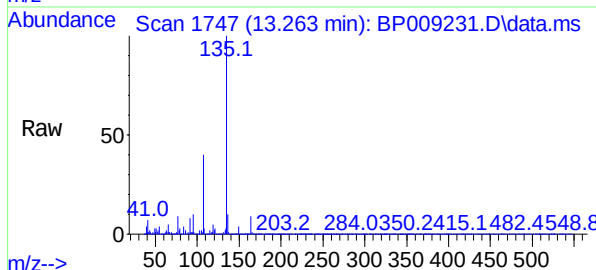
Tgt Ion: 65 Resp: 19140

Ion Ratio Lower Upper

65 100

92 22.3 62.2 93.4#

138 4.4 105.8 158.8#



2,4-Dinitrophenol

Concen: 2.184 ng

RT: 14.575 min Scan# 1970

Delta R.T. -0.012 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

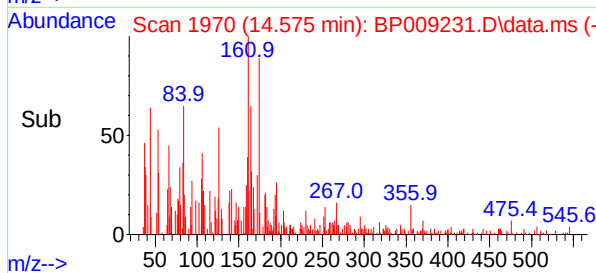
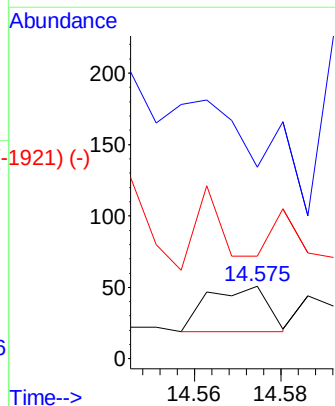
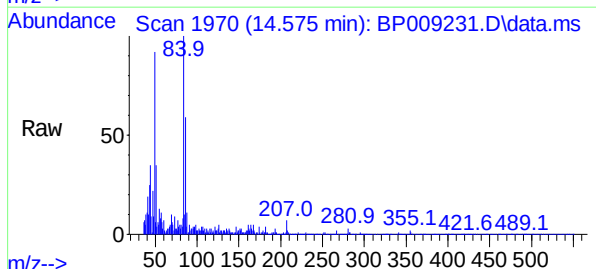
Tgt Ion: 184 Resp: 31

Ion Ratio Lower Upper

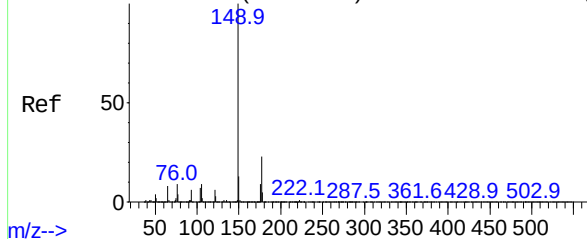
184 100

63 262.7 35.6 53.4#

154 141.2 43.4 65.0#



Abundance Scan 2089 (15.275 min): BP009042.D\data.ms (-2078) (-)



Diethylphthalate

Concen: 4.304 ng

RT: 15.233 min Scan# 2089

Delta R.T. -0.012 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Instrument :

BNA_P

ClientSampleId :

SPN-4

Tgt Ion:149 Resp: 82658

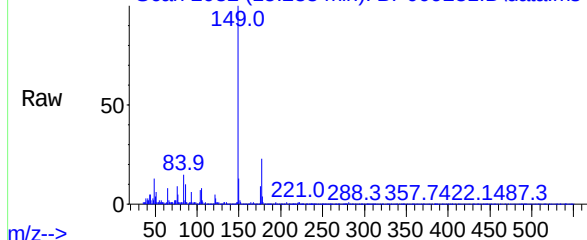
Ion Ratio Lower Upper

149 100

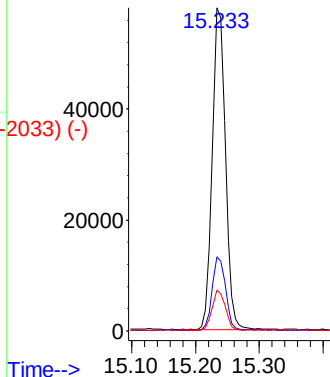
177 23.0 19.9 29.9

150 12.6 10.3 15.5

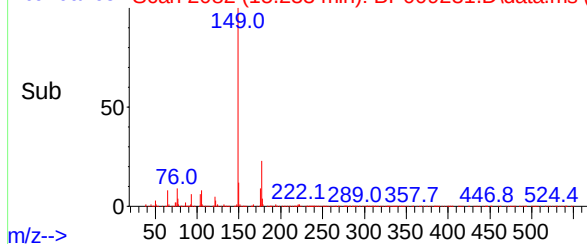
Abundance Scan 2082 (15.233 min): BP009231.D\data.ms



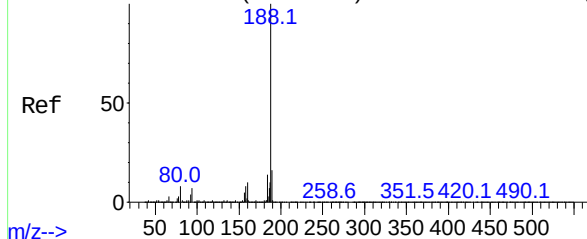
Abundance



Abundance Scan 2082 (15.233 min): BP009231.D\data.ms (-2033) (-)



Abundance Scan 2417 (17.204 min): BP009042.D\data.ms (-2467) (-)



Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Tgt Ion:188 Resp: 687826

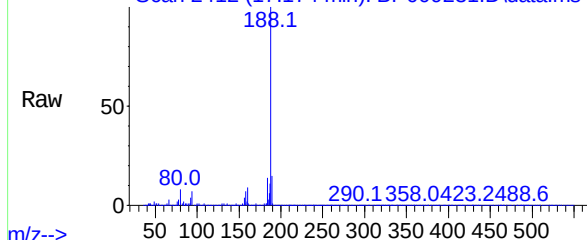
Ion Ratio Lower Upper

188 100

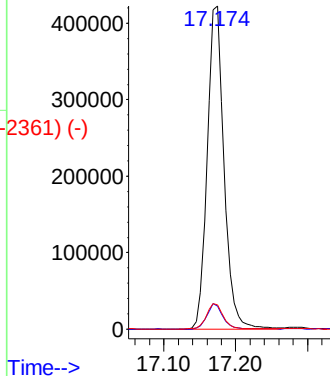
94 7.2 6.8 10.2

80 7.6 7.2 10.8

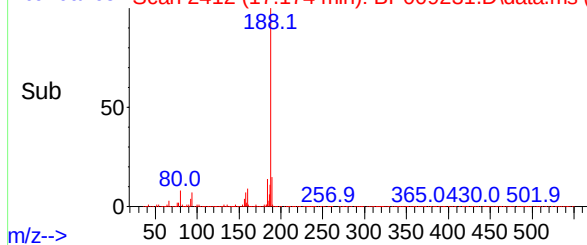
Abundance Scan 2412 (17.174 min): BP009231.D\data.ms

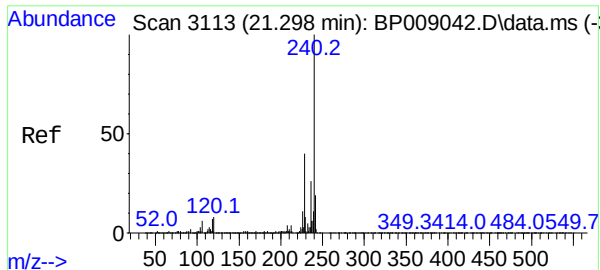


Abundance



Abundance Scan 2412 (17.174 min): BP009231.D\data.ms (-2361) (-)

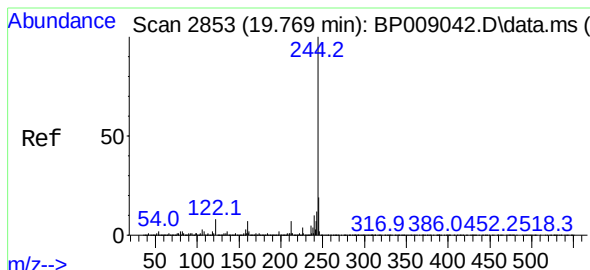
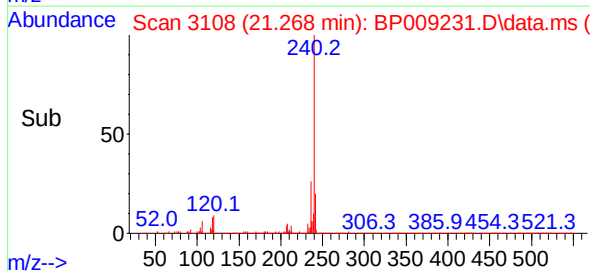
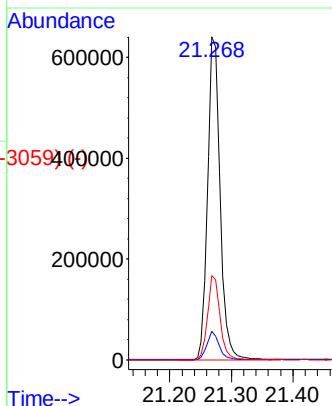
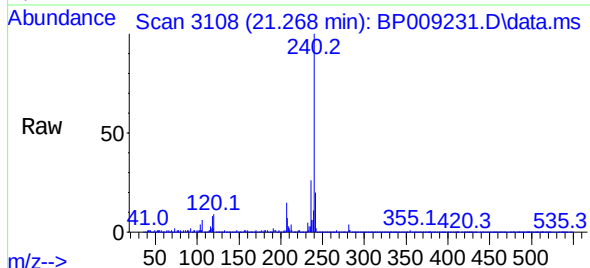




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.268 min Scan# 3108
 Delta R.T. -0.012 min
 Lab File: BP009231.D
 Acq: 21 Feb 2022 13:13

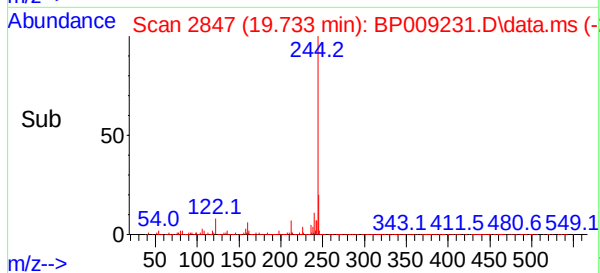
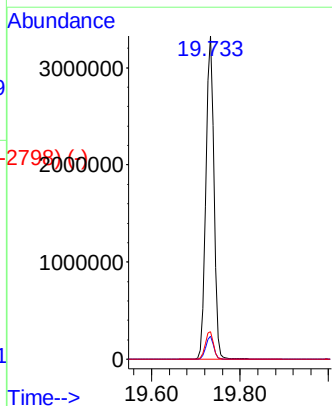
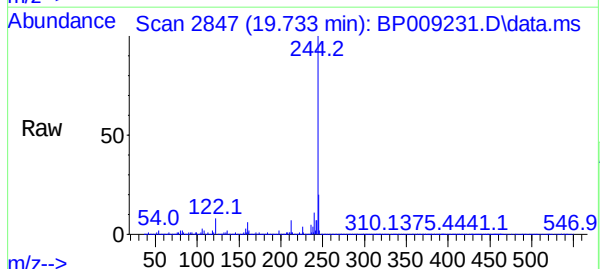
Instrument :
 BNA_P
 ClientSampleId :
 SPN-4

Tgt Ion:	240	Resp:	901034
Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.7	11.5
236	26.2	21.2	31.8



Terphenyl-d14
 Concen: 85.036 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. -0.012 min
 Lab File: BP009231.D
 Acq: 21 Feb 2022 13:13

Tgt Ion:	244	Resp:	4260617
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.5	9.2	13.8#



Abundance Scan 3098 (21.210 min): BP009042.D\data.ms (-3088) (-)

Bis(2-ethylhexyl)phthalate

Concen: 2.970 ng

RT: 21.168 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Instrument :

BNA_P

ClientSampleId :

SPN-4

Tgt Ion:149 Resp: 86581

Ion Ratio Lower Upper

149 100

167 29.4 25.0 37.4

279 5.8 4.8 7.2

m/z-->

Abundance Scan 3091 (21.168 min): BP009231.D\data.ms

Raw

57.0 133.0 207.0 281.0 355.1 429.1 523.1

m/z-->

Abundance Scan 3091 (21.168 min): BP009231.D\data.ms (-3042) (-)

Sub

57.0 149.0 214.0 279.1 355.1 422.1 487.4

m/z-->

Abundance

21.168

60000

40000

20000

0

Time-->

Abundance Scan 3520 (23.692 min): BP009042.D\data.ms (-3506) (-)

Perylene-d12

Concen: 20.000 ng

RT: 23.651 min Scan# 3513

Delta R.T. -0.012 min

Lab File: BP009231.D

Acq: 21 Feb 2022 13:13

Tgt Ion:264 Resp: 1179048

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 22.0 17.1 25.7

m/z-->

Abundance Scan 3513 (23.651 min): BP009231.D\data.ms

Raw

44.0 132.1 199.1 264.2 341.1 406.1 536.1

m/z-->

Abundance Scan 3513 (23.651 min): BP009231.D\data.ms (-3464) (-)

Sub

46.0 132.0 197.9 264.1 328.9 412.0 484.3 549.1

m/z-->

Abundance

23.651

500000

400000

300000

200000

100000

0

Time-->