

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127183.D
 Acq On : 03 Mar 2022 20:56
 Operator : CG\JU
 Sample : N1713-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-235

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/04/2022
 Supervised By :Jagrut Upadhyay 03/04/2022

Quant Time: Mar 04 02:15:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	102174	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	386348	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	160385	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	230117	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	157532	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	137433	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	608474	92.043	ng	0.01
7) Phenol-d6	6.528	99	735326	82.433	ng	0.00
23) Nitrobenzene-d5	7.457	82	504675	58.962	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	124587	67.468	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	436605	40.075	ng	0.00
79) Terphenyl-d14	13.010	244	291561	27.208	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.446	77	54485	10.034	ng	# 71
10) Phenol	6.540	94	48444	5.375	ng	83
15) Benzyl Alcohol	7.045	79	45693	6.080	ng	94
20) 3+4-Methylphenols	7.304	107	47209	5.924	ng	# 73
32) Benzoic acid	8.028	122	129555m	32.300	ng	
37) 2-Methylnaphthalene	8.887	142	48864	3.734	ng	86
38) 1-Methylnaphthalene	8.987	142	28401	2.266	ng	93
81) Benzo(a)anthracene	14.080	228	24792m	2.334	ng	

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

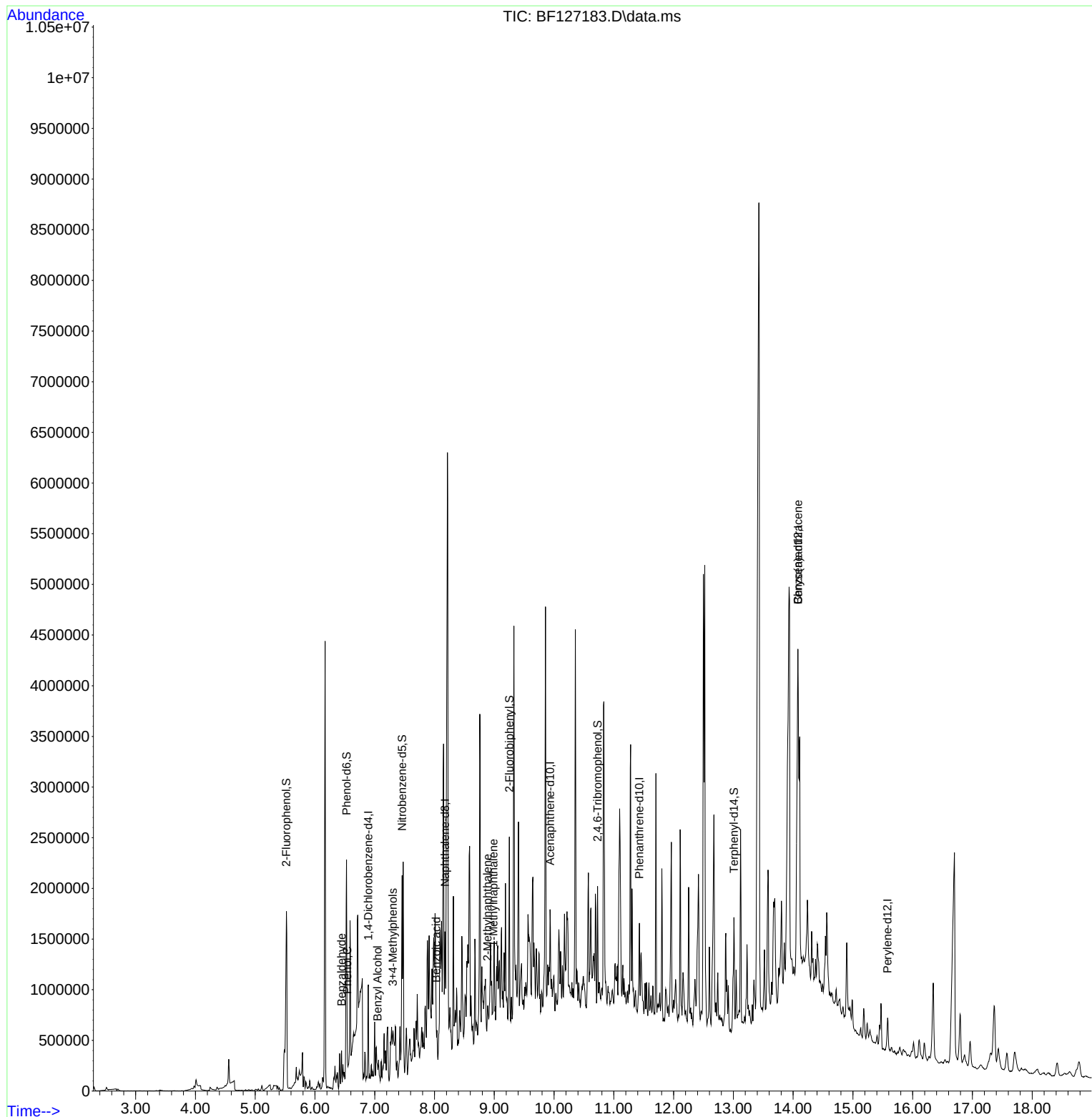
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127183.D
Acq On : 03 Mar 2022 20:56
Operator : CG\JU
Sample : N1713-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

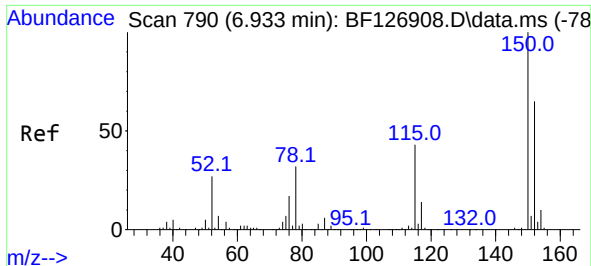
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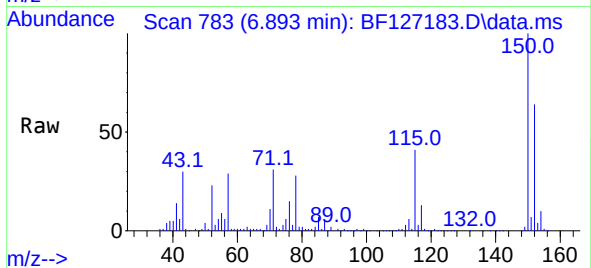
Quant Time: Mar 04 02:15:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

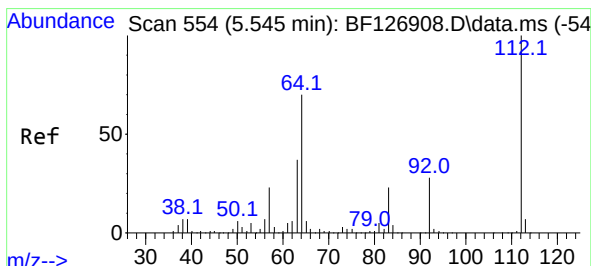
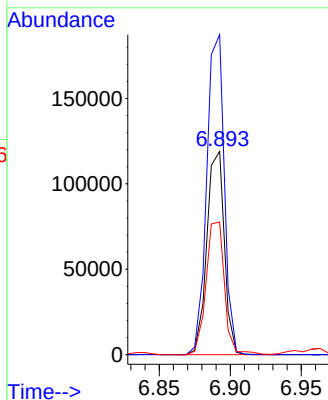
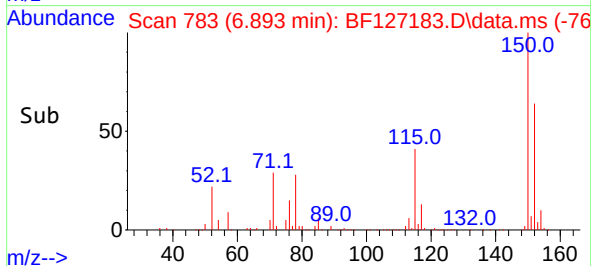
Instrument :
BNA_F
ClientSampleId :
VNJ-235



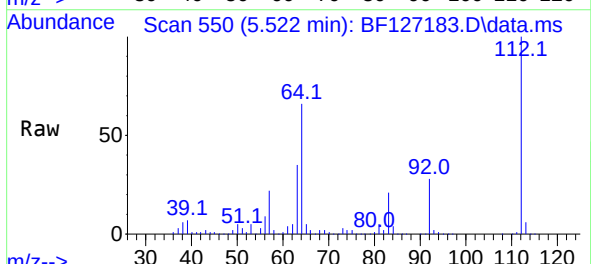
Tgt Ion:152 Resp: 102174
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 65.2 56.7 85.1

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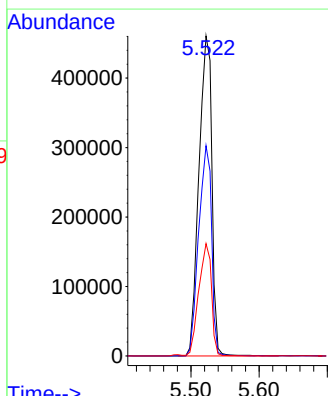
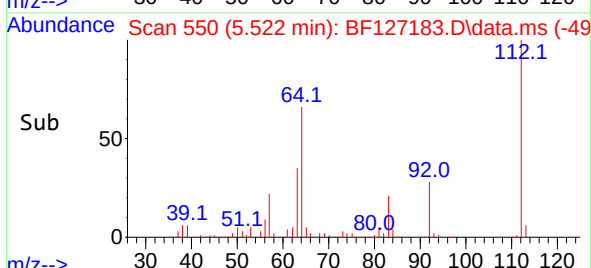
Reviewed By :Christian Giraldo 03/04/2022
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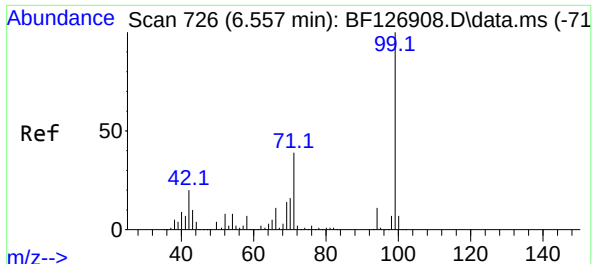


#5
2-Fluorophenol
Concen: 92.043 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56



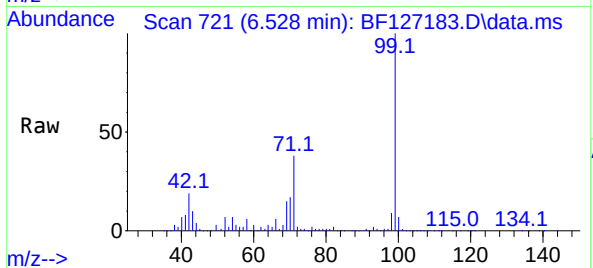
Tgt Ion:112 Resp: 608474
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 35.1 23.9 35.9





#7
Phenol-d6
Concen: 82.433 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

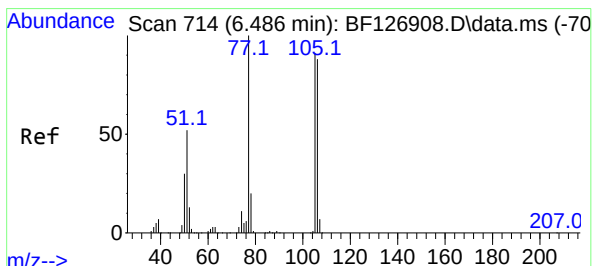
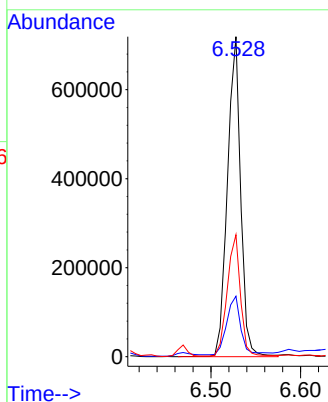
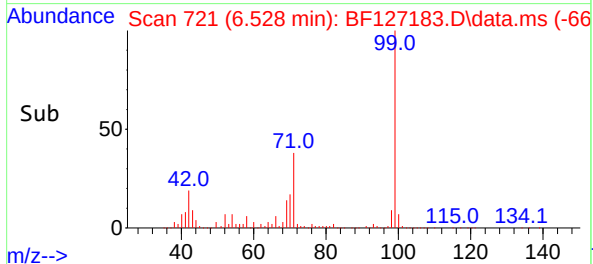
Instrument :
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ClientSampleId :
VNJ-235



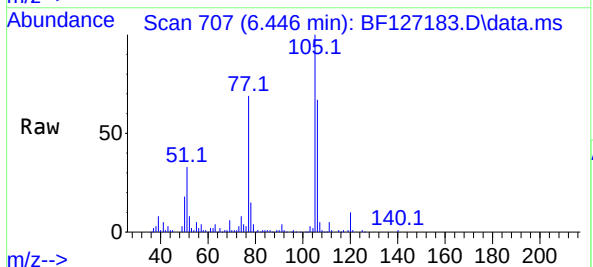
Tgt Ion: 99 Resp: 735320
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 38.1 24.3 36.5

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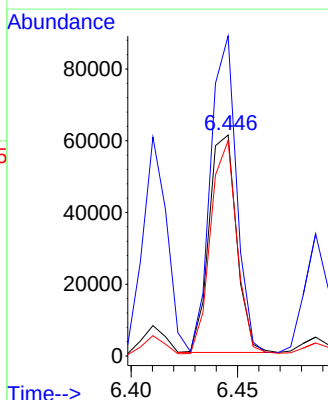
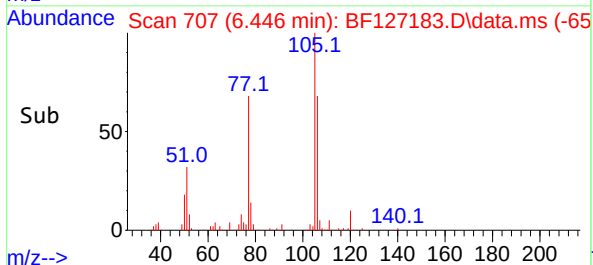
Reviewed By :Christian Giraldo 03/04/2022
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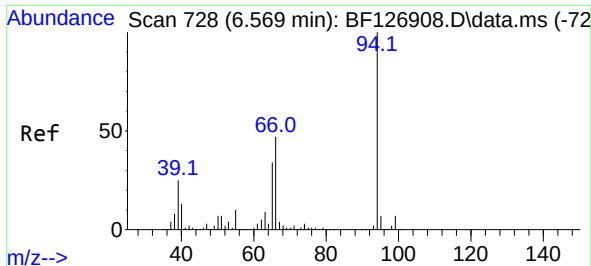


#9
Benzaldehyde
Concen: 10.034 ng
RT: 6.446 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56



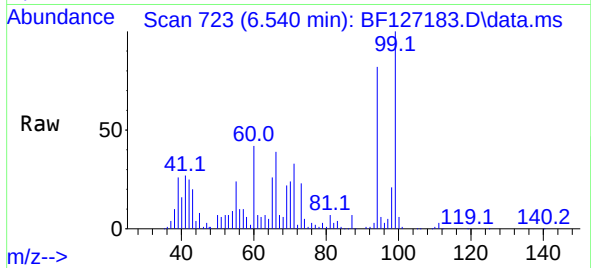
Tgt Ion: 77 Resp: 54485
Ion Ratio Lower Upper
77 100
105 144.8 74.9 114.9#
106 97.5 72.4 112.4





#10
Phenol
Concen: 5.375 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

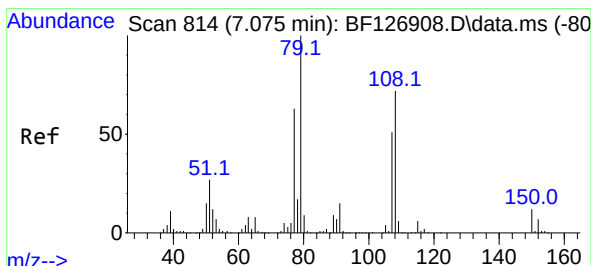
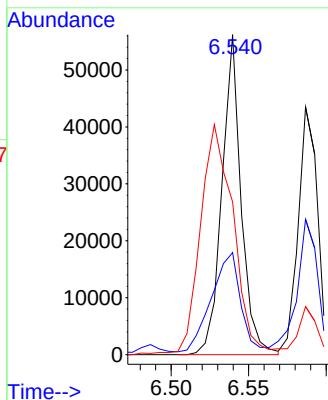
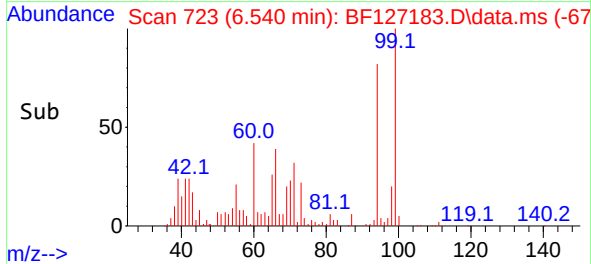
Instrument :
BNA_F
ClientSampleId :
VNJ-235



Tgt Ion: 94 Resp: 4844
Ion Ratio Lower Upper
94 100
65 31.9 7.2 47.2
66 47.7 14.5 54.5

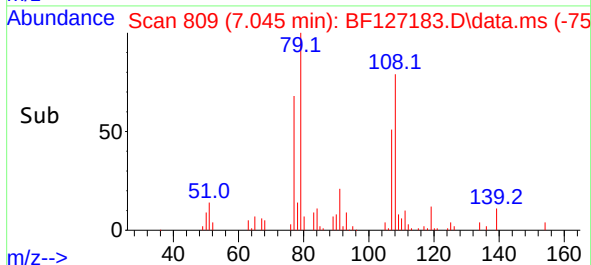
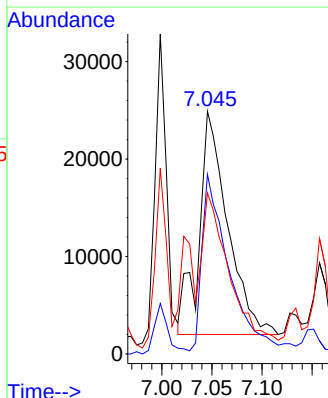
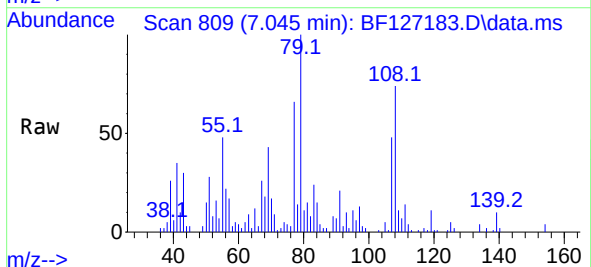
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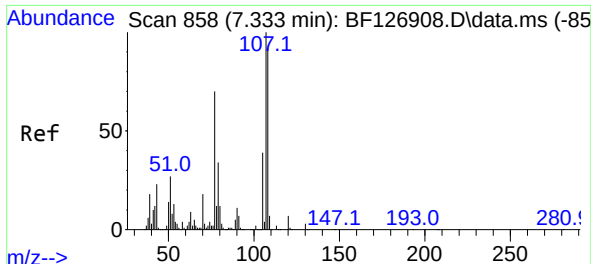
Reviewed By :Christian Giraldo 03/04/2022
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#15
Benzyl Alcohol
Concen: 6.080 ng
RT: 7.045 min Scan# 809
Delta R.T. 0.012 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

Tgt Ion: 79 Resp: 45693
Ion Ratio Lower Upper
79 100
108 74.0 63.2 94.8
77 66.3 49.4 74.2





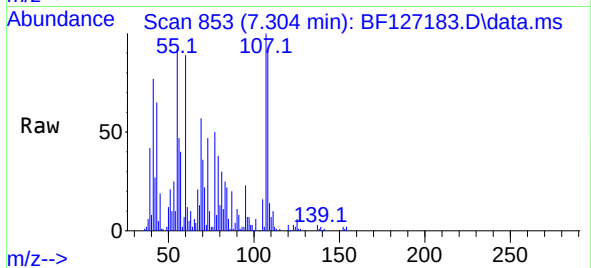
#20
3+4-Methylphenols
Concen: 5.924 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

Instrument :

BNA_F

ClientSampleId :

VNJ-235



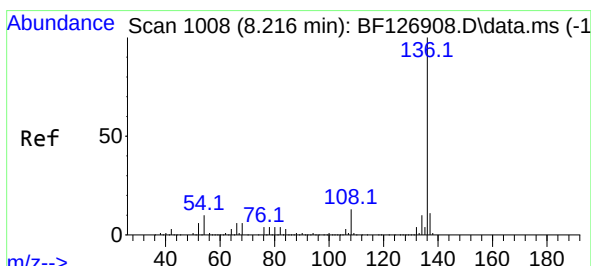
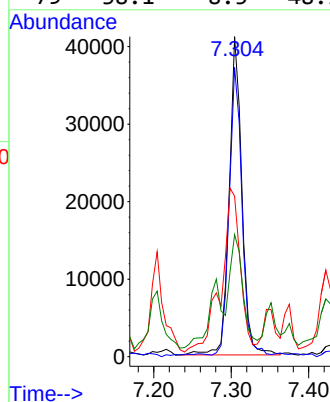
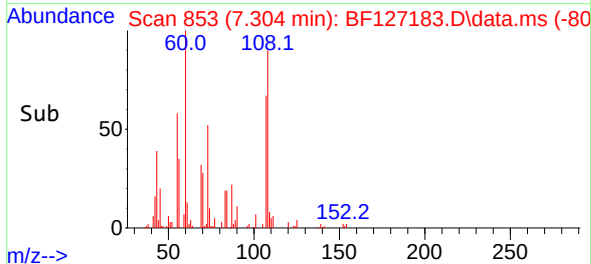
Tgt Ion:107 Resp: 47209

Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.4	112.4
77	50.2	83.8	123.8
79	38.1	8.5	48.5

Manual Integrations

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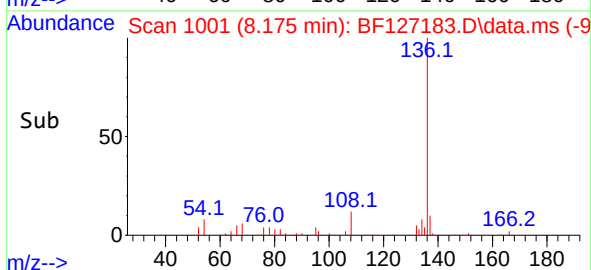
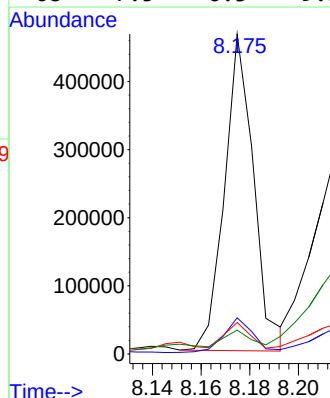
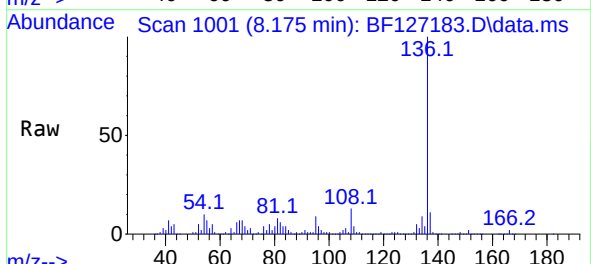
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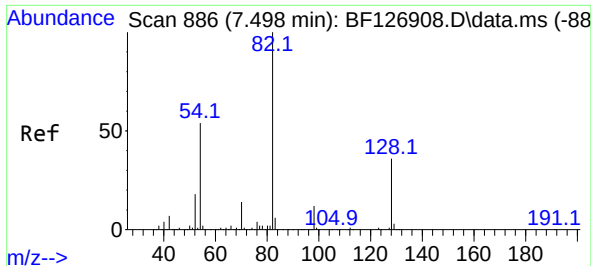


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

Tgt Ion:136 Resp: 386348

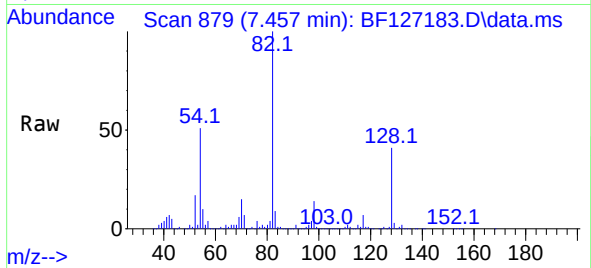
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.8	7.8	11.6
68	7.5	6.3	9.5





#23
Nitrobenzene-d5
Concen: 58.962 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

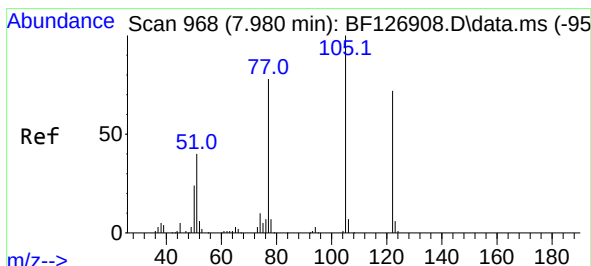
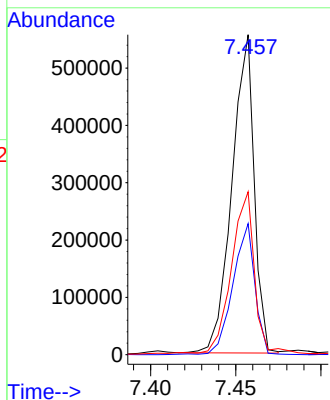
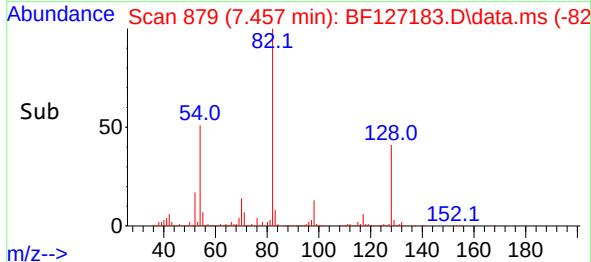
Instrument :
BNA_F
ClientSampleId :
VNJ-235



Tgt Ion: 82 Resp: 504679
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 50.9 41.7 62.5

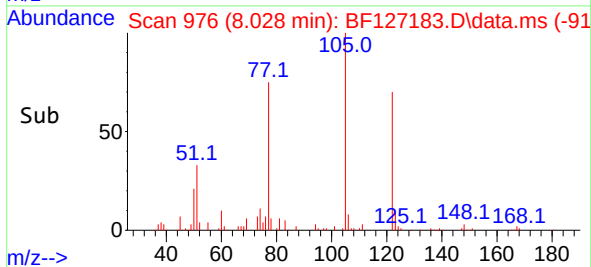
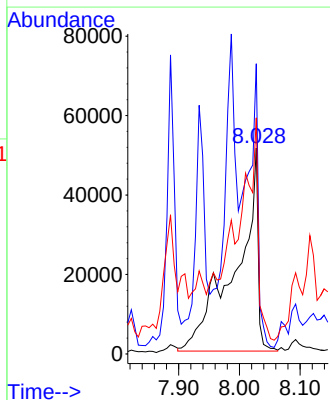
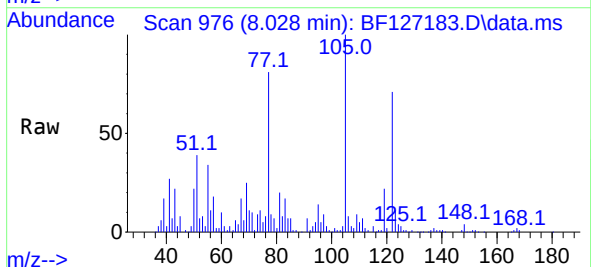
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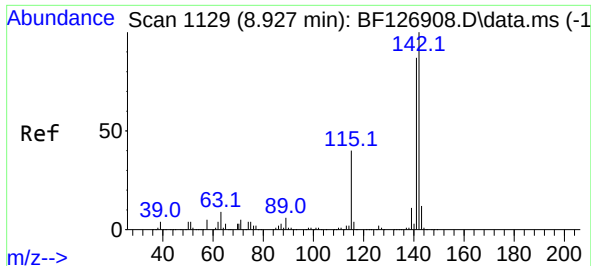
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#32
Benzoic acid
Concen: 32.300 ng m
RT: 8.028 min Scan# 976
Delta R.T. 0.077 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

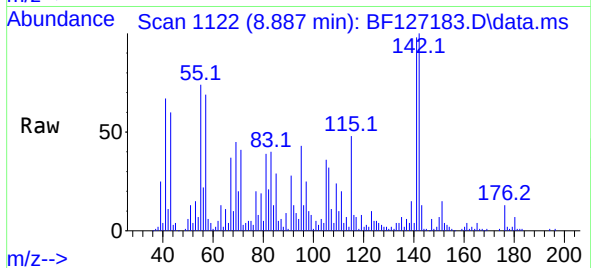
Tgt Ion:122 Resp: 129555
Ion Ratio Lower Upper
122 100
105 140.9 101.0 141.0
77 114.6 74.5 114.5#





#37
2-Methylnaphthalene
Concen: 3.734 ng
RT: 8.887 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

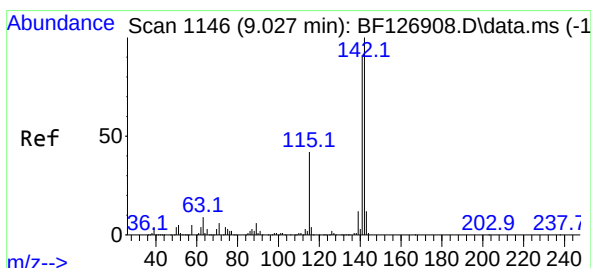
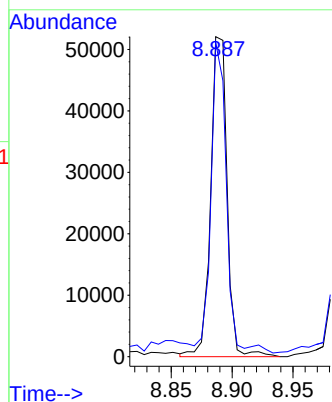
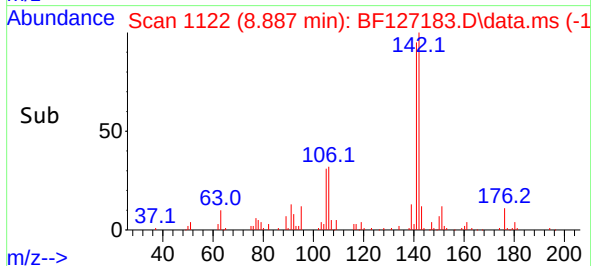
Instrument : BNA_F
ClientSampleId : VNJ-235



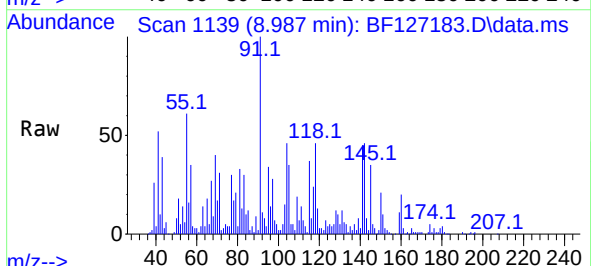
Tgt Ion:142 Resp: 48864
Ion Ratio Lower Upper
142 100
141 98.1 68.6 102.8

Manual Integrations
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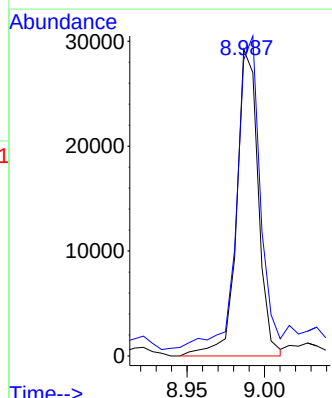
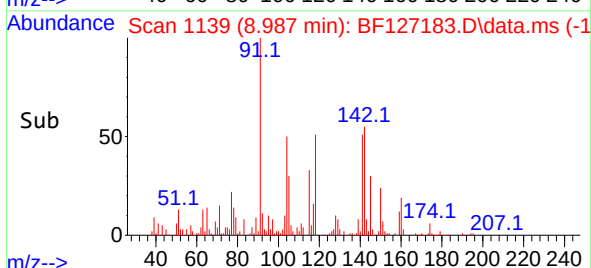
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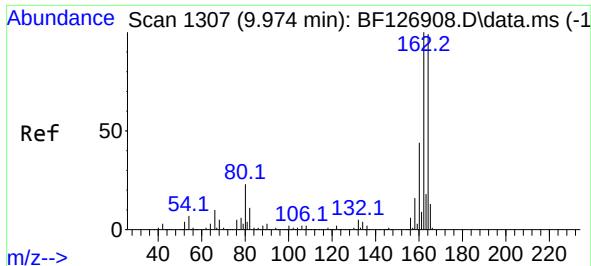


#38
1-Methylnaphthalene
Concen: 2.266 ng
RT: 8.987 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56



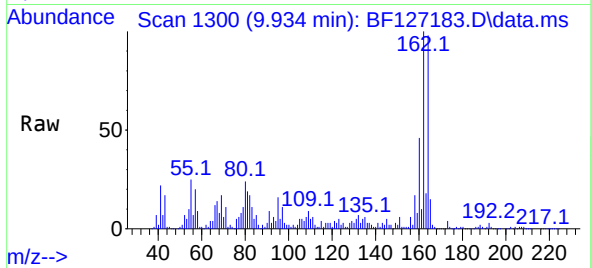
Tgt Ion:142 Resp: 28401
Ion Ratio Lower Upper
142 100
141 96.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

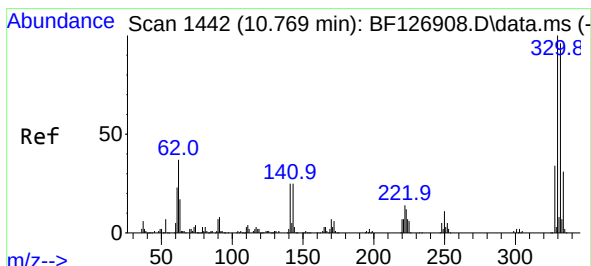
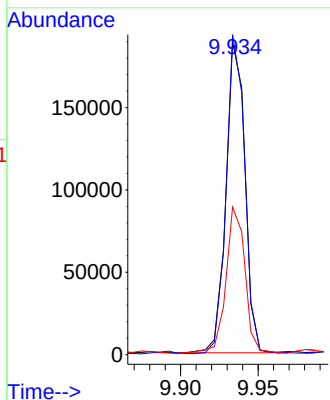
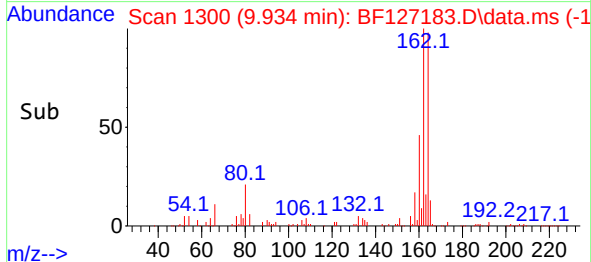
Instrument :
BNA_F
ClientSampleId :
VNJ-235



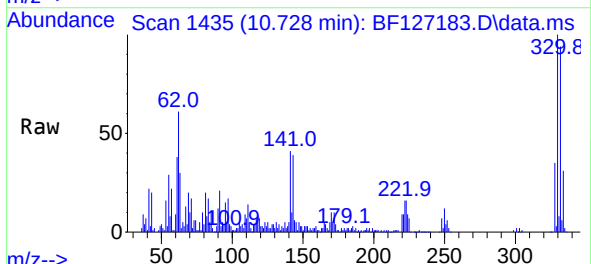
Tgt Ion:164 Resp: 160385
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 47.2 36.6 54.8

Manual Integrations
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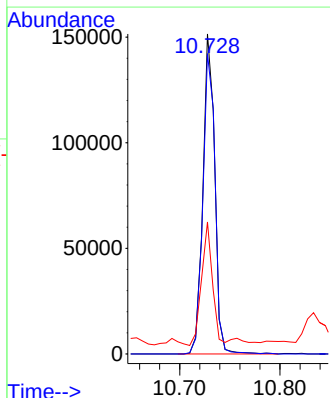
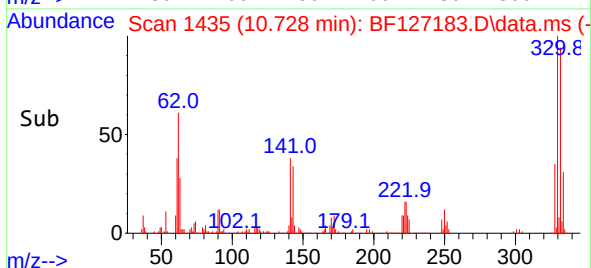
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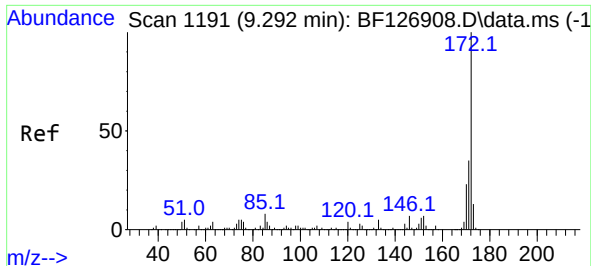


#42
2,4,6-Tribromophenol
Concen: 67.468 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56



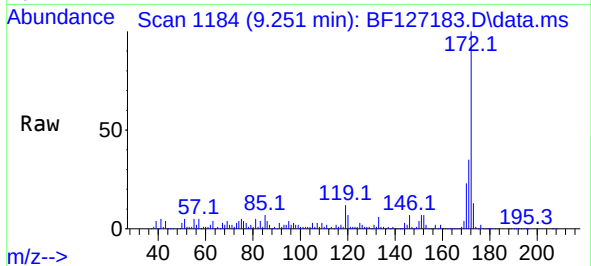
Tgt Ion:330 Resp: 124587
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 35.7 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 40.075 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

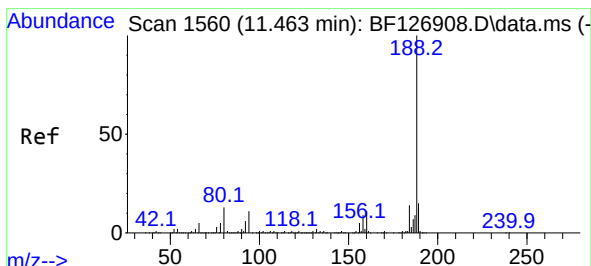
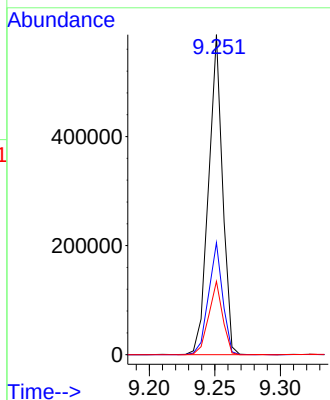
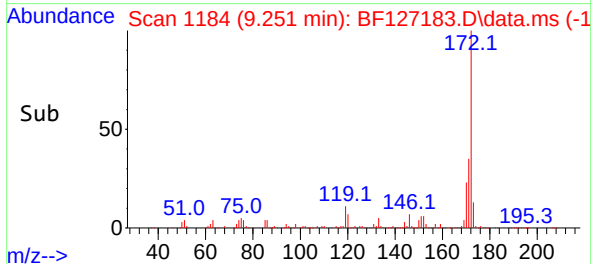
Instrument :
BNA_F
ClientSampleId :
VNJ-235



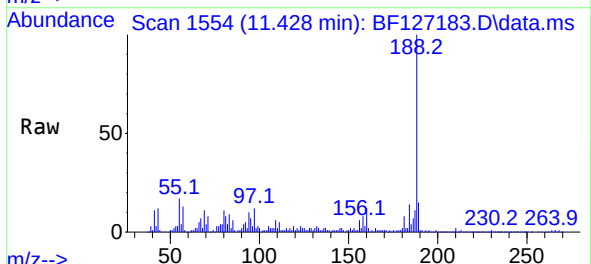
Tgt Ion:172 Resp: 436609
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 19.0 28.6

Manual Integrations
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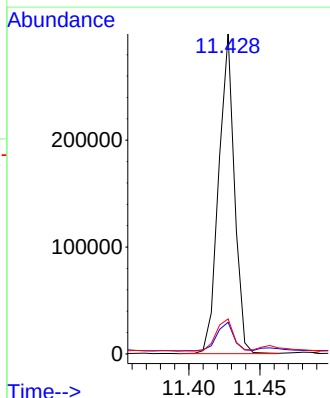
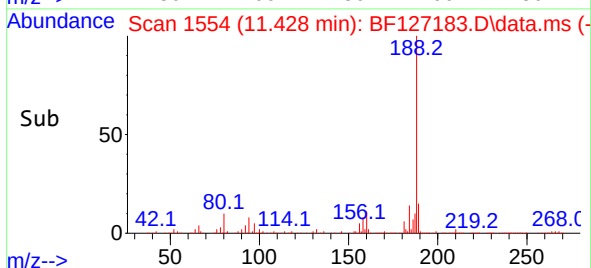
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

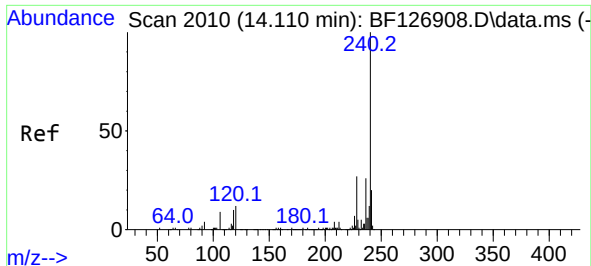


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56



Tgt Ion:188 Resp: 230117
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.0 11.8 17.6#





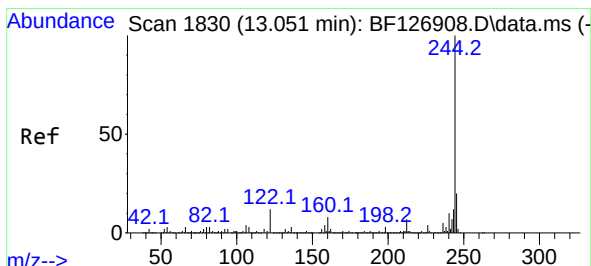
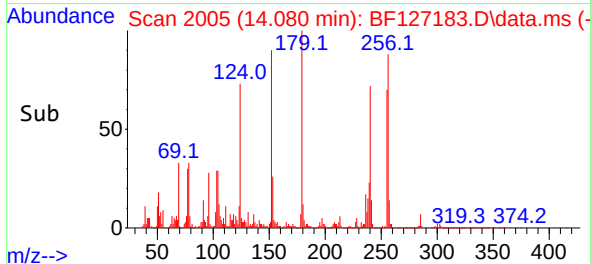
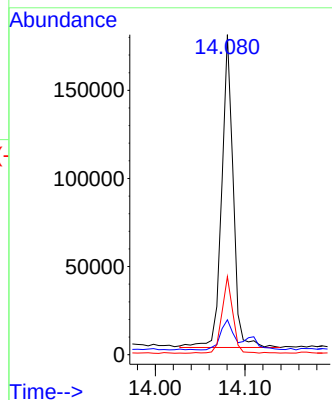
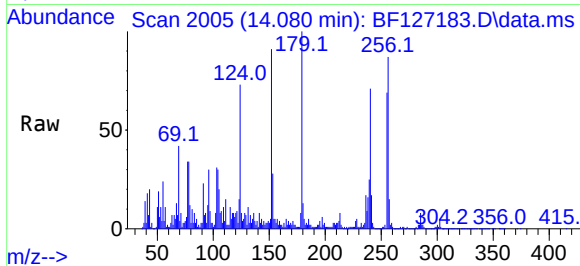
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-235

Tgt Ion:240 Resp: 15753
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6
236 24.4 20.5 30.7

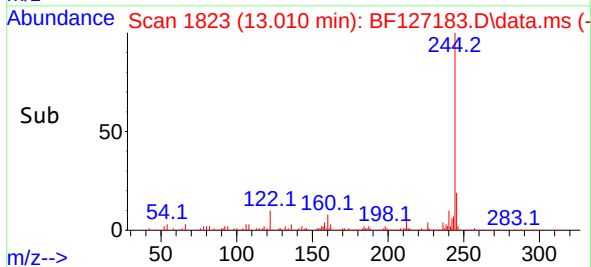
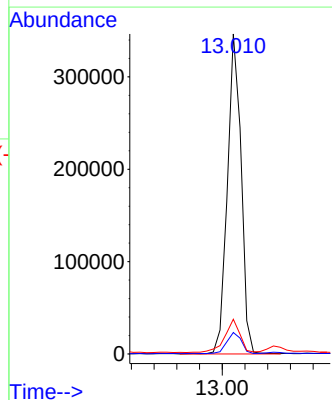
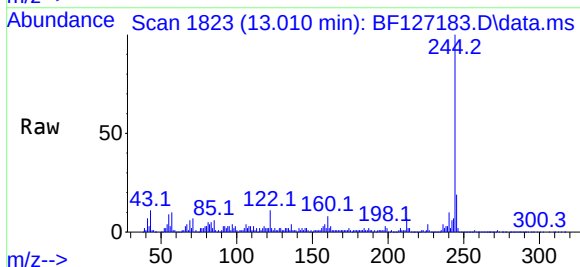
Manual Integrations
APPROVED

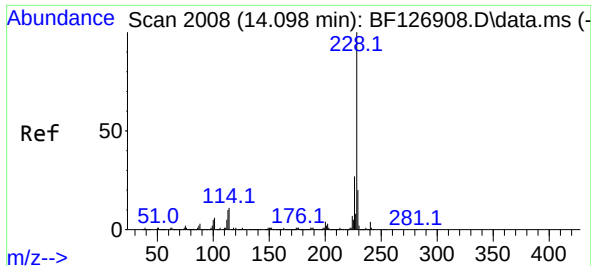
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#79
Terphenyl-d14
Concen: 27.208 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127183.D
Acq: 03 Mar 2022 20:56

Tgt Ion:244 Resp: 291561
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 10.8 13.3 19.9





#81

Benzo(a)anthracene

Concen: 2.334 ng m

RT: 14.080 min Scan# 2008

Delta R.T. 0.018 min

Lab File: BF127183.D

Acq: 03 Mar 2022 20:56

Instrument :

BNA_F

ClientSampleId :

VNJ-235

Tgt Ion:228 Resp: 24792

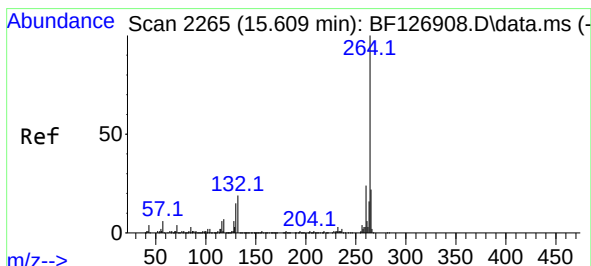
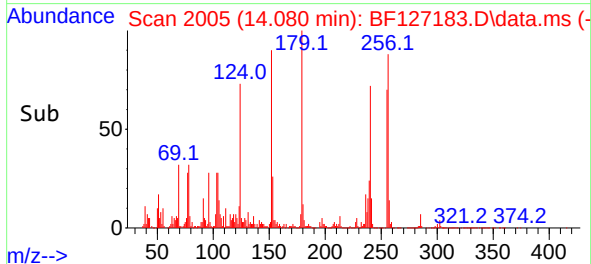
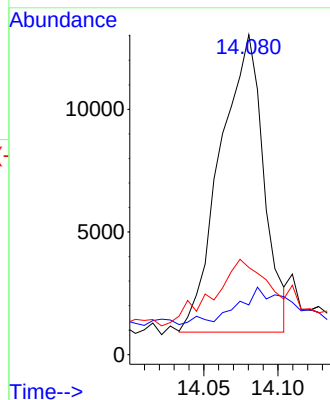
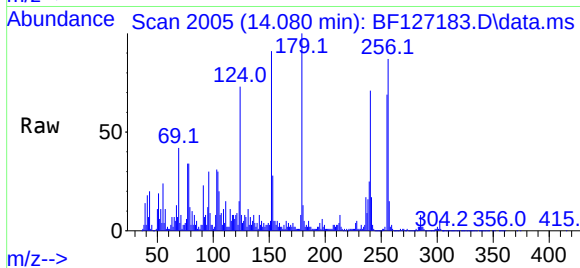
Ion	Ratio	Lower	Upper
228	100		
226	15.6	21.4	32.0
229	27.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/04/2022

Supervised By :Jagrut Upadhyay 03/04/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. 0.012 min

Lab File: BF127183.D

Acq: 03 Mar 2022 20:56

Tgt Ion:264 Resp: 137433

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.4	26.2

