

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140749.D
 Acq On : 05 Dec 2024 15:34
 Operator : RC/JU
 Sample : P5052-20RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024

Quant Time: Dec 05 15:57:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	71425	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	243288	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	33168	20.000	ng	#-0.01
64) Phenanthrene-d10	11.398	188	123062	20.000	ng	0.00
76) Chrysene-d12	14.057	240	12365	20.000	ng	# 0.00
86) Perylene-d12	0.000	264	0	0.000	ng	-15.54
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	571310	136.475	ng	0.04
7) Phenol-d6	6.539	99	217055	39.220	ng	0.02
23) Nitrobenzene-d5	7.433	82	509343	107.087	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	260943	735.602	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1004667	451.307	ng	-0.01
79) Terphenyl-d14	12.980	244	401607	505.746	ng	-0.01
Target Compounds						
32) Benzoic acid	7.916	122	3400m	8.466	ng	Qvalue

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

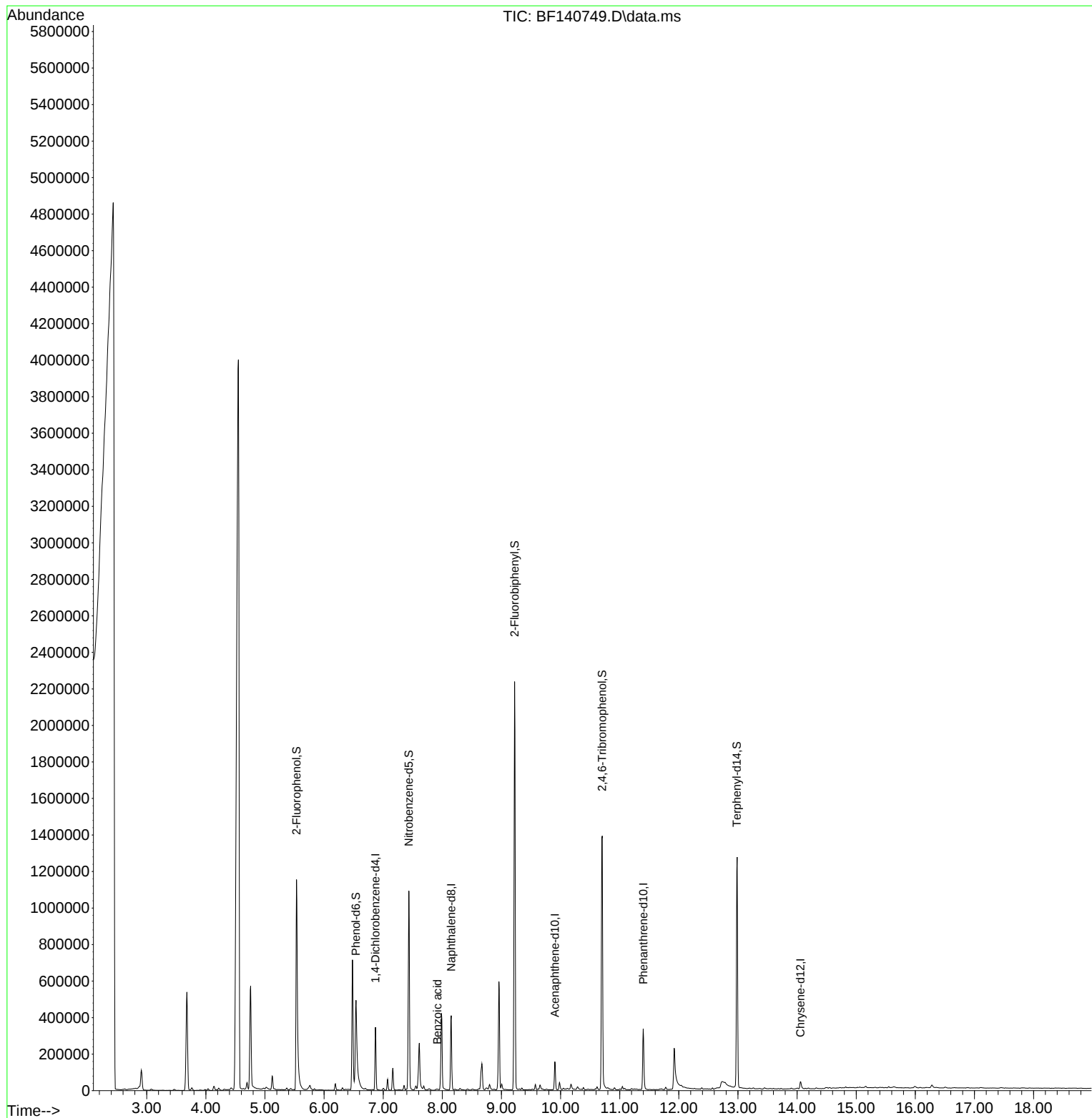
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
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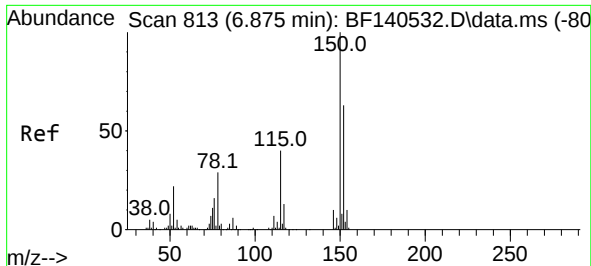
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE

Quant Time: Dec 05 15:57:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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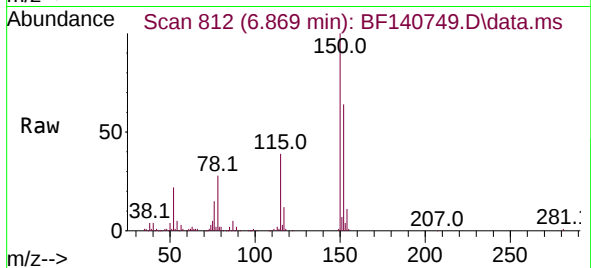
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

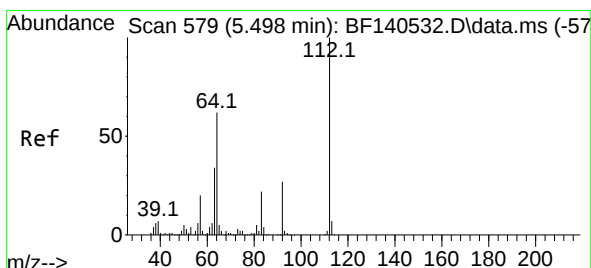
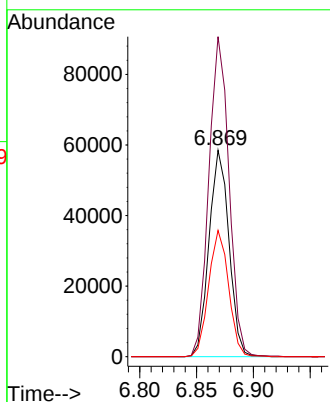
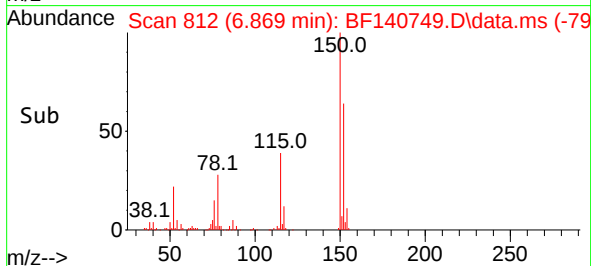
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE



Tgt Ion:152 Resp: 71425
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 61.1 50.2 75.4

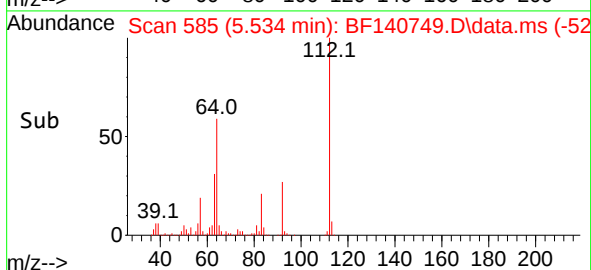
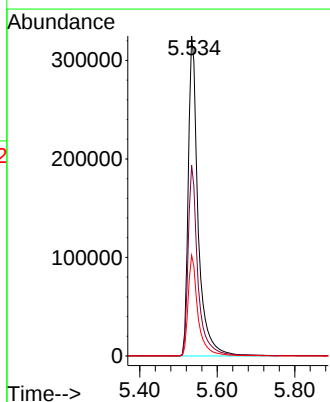
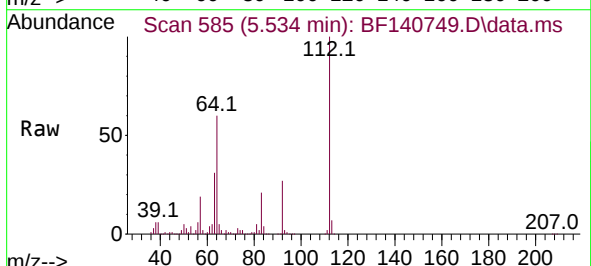
Manual Integrations
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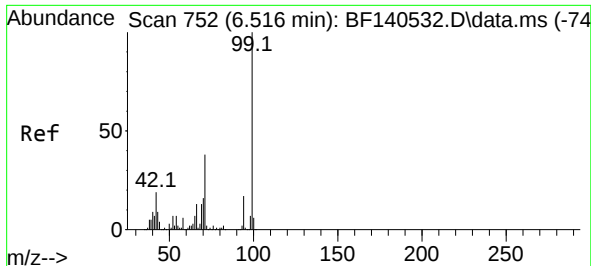
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#5
2-Fluorophenol
Concen: 136.475 ng
RT: 5.534 min Scan# 585
Delta R.T. 0.035 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

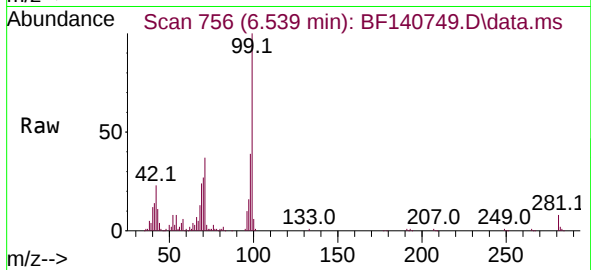
Tgt Ion:112 Resp: 571310
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.5 27.0 40.4





#7
Phenol-d6
Concen: 39.220 ng
RT: 6.539 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

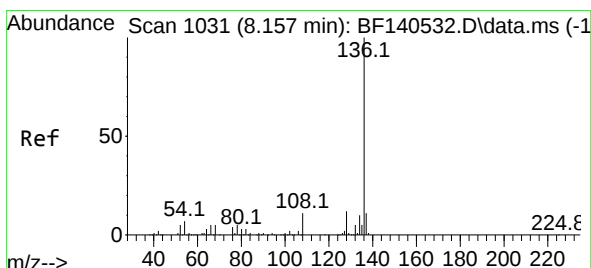
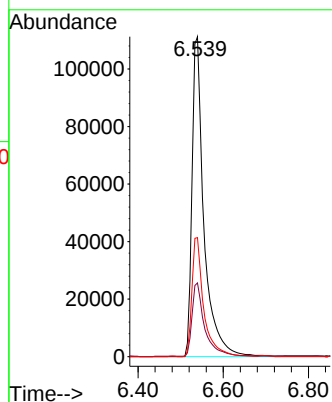
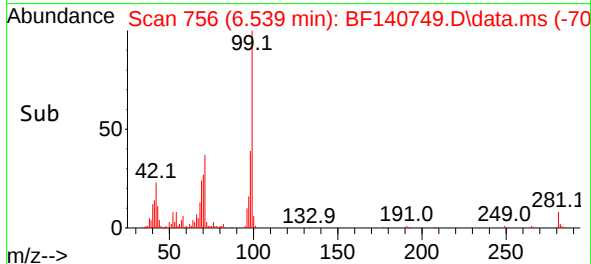
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE



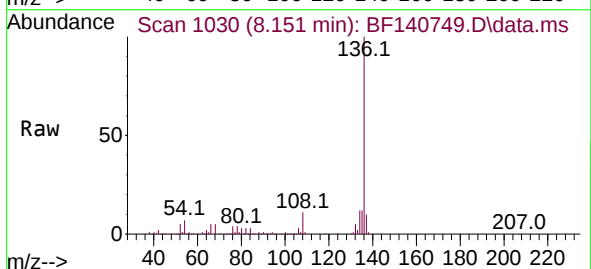
Tgt Ion: 99 Resp: 21705
Ion Ratio Lower Upper
99 100
42 23.1 15.4 23.0
71 37.2 30.6 46.0

Manual Integrations
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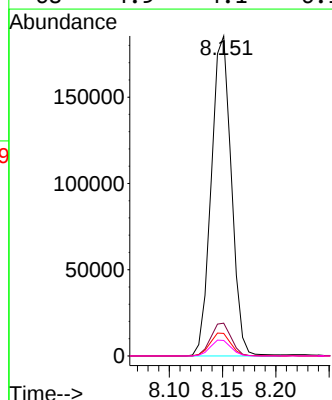
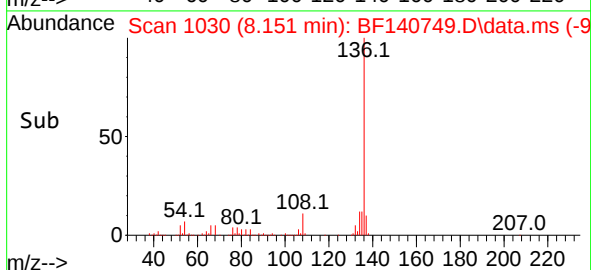
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

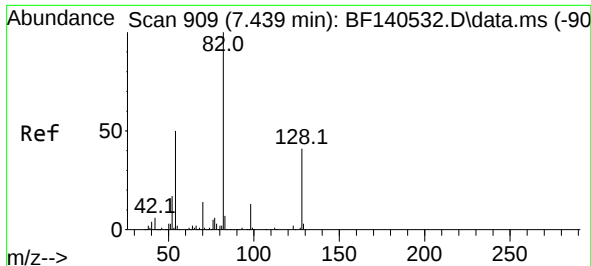


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34



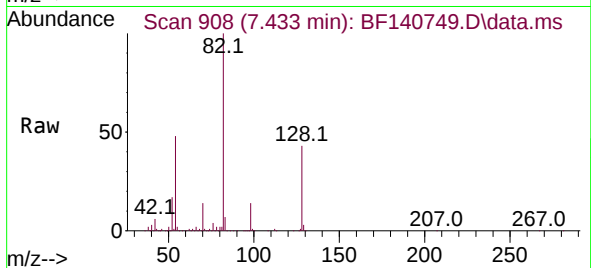
Tgt Ion:136 Resp: 243288
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.1 5.8 8.8
68 4.9 4.1 6.1





#23
Nitrobenzene-d5
Concen: 107.087 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

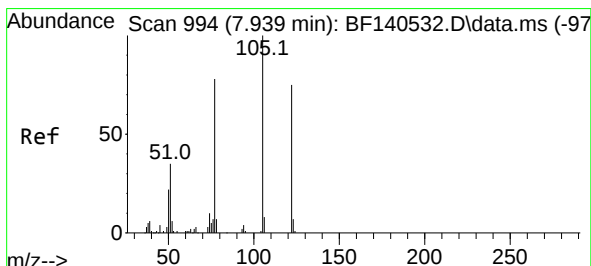
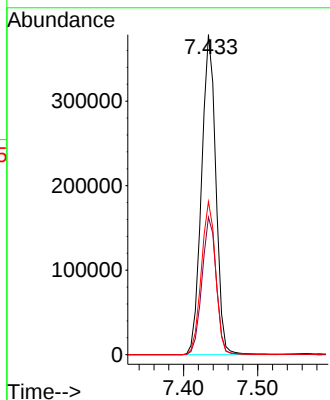
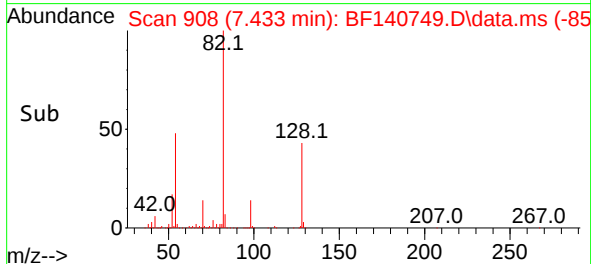
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE



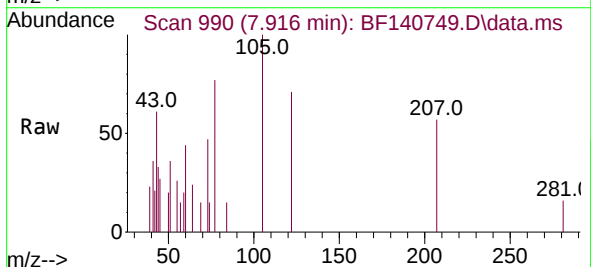
Tgt Ion: 82 Resp: 50934
Ion Ratio Lower Upper
82 100
128 42.9 33.0 49.4
54 47.9 39.5 59.3

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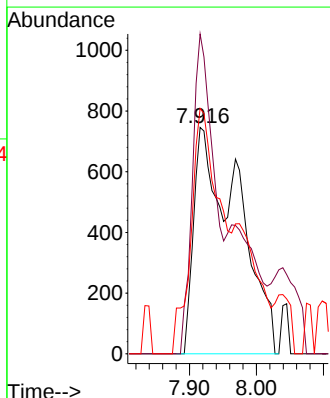
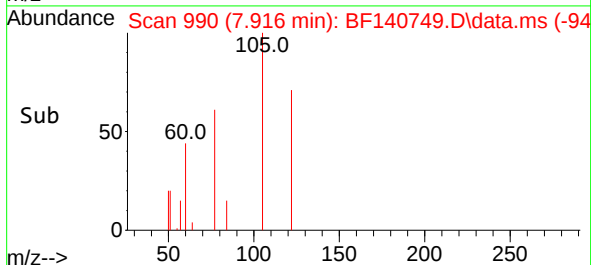
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

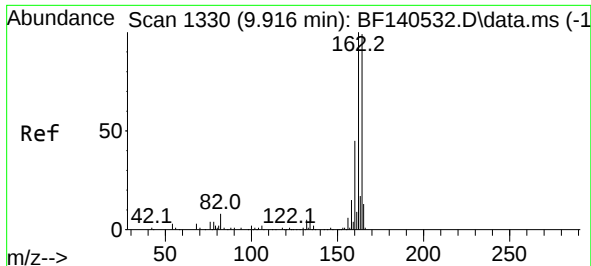


#32
Benzoic acid
Concen: 8.466 ng m
RT: 7.916 min Scan# 990
Delta R.T. -0.023 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34



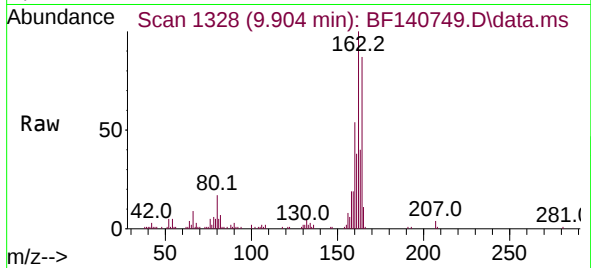
Tgt Ion:122 Resp: 3400
Ion Ratio Lower Upper
122 100
105 141.3 109.3 149.3
77 108.4 82.3 122.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

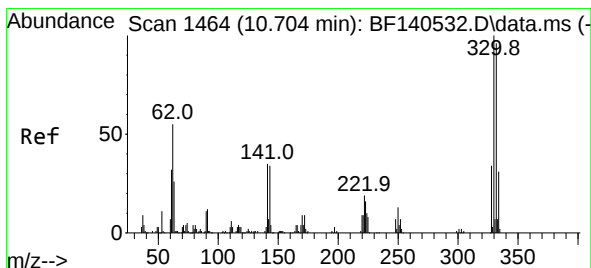
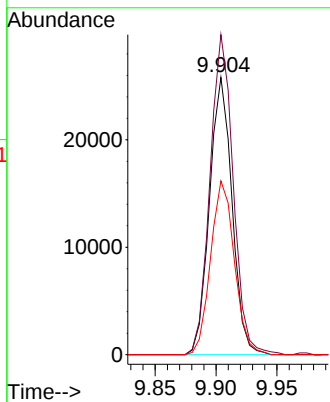
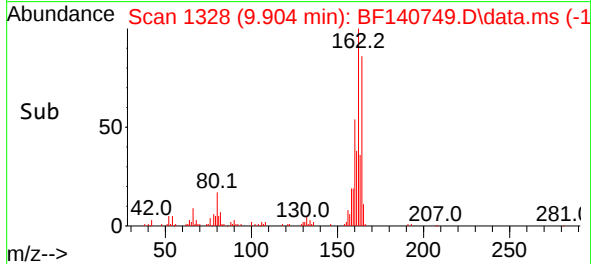
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE



Tgt Ion:164 Resp: 3316
Ion Ratio Lower Upper
164 100
162 115.4 80.6 120.8
160 62.7 36.2 54.4

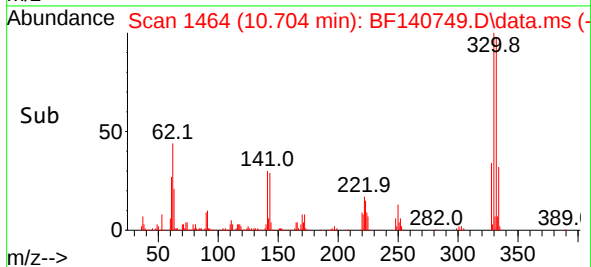
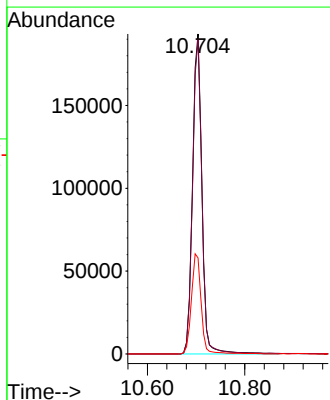
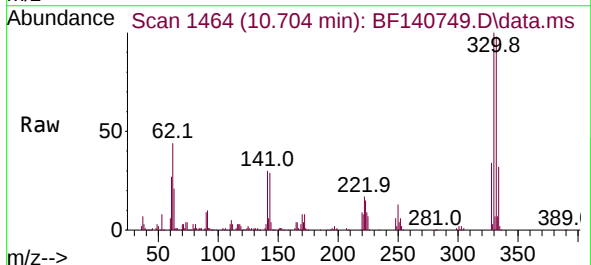
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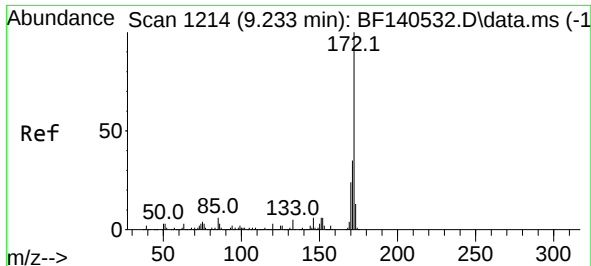
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#42
2,4,6-Tribromophenol
Concen: 735.602 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

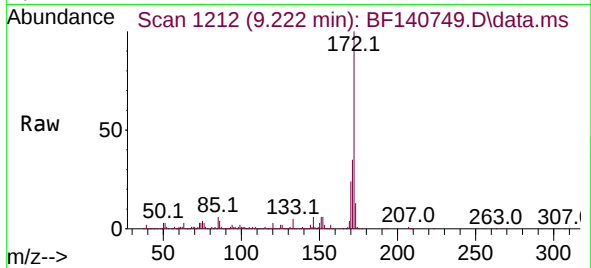
Tgt Ion:330 Resp: 260943
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 32.5 26.7 40.1





#45
2-Fluorobiphenyl
Concen: 451.307 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

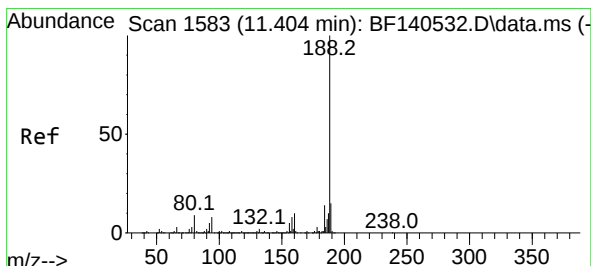
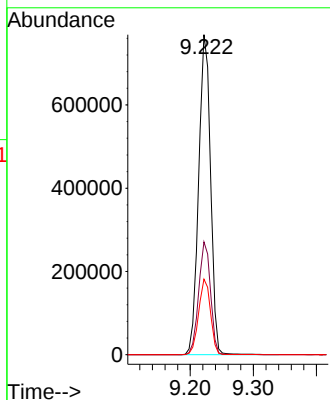
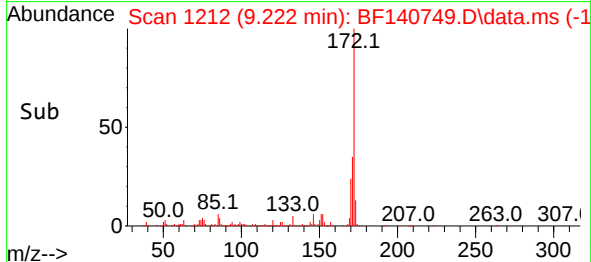
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63RE



Tgt Ion:172 Resp: 100466
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 19.0 28.6

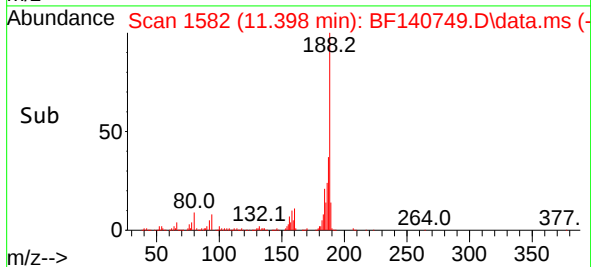
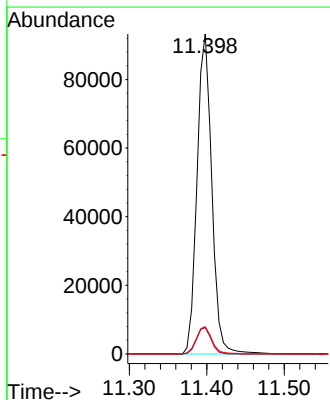
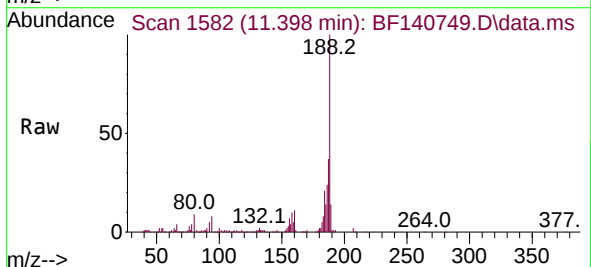
Manual Integrations
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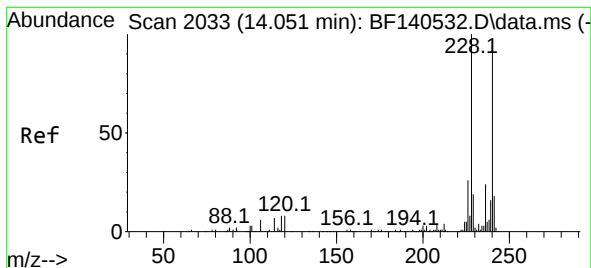
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion:188 Resp: 123062
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.6 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63RE

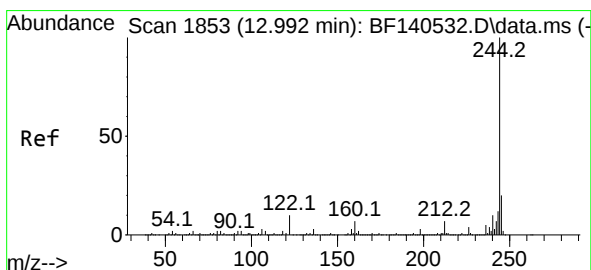
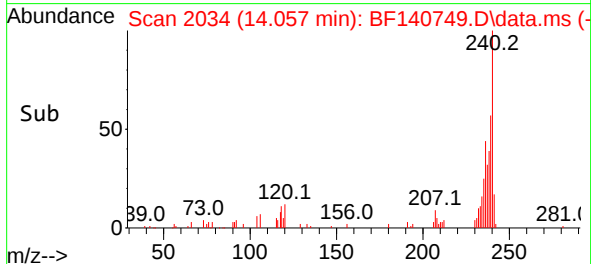
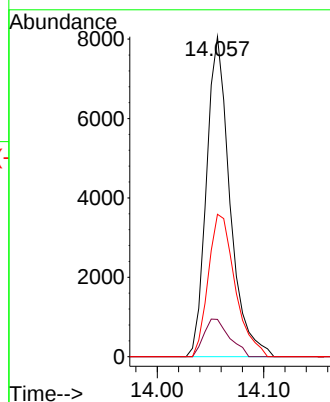
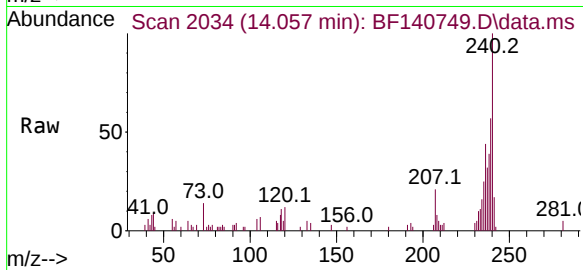
Tgt Ion:	240	Resp:	1236
Ion Ratio	Lower	Upper	
240	100		
120	11.6	7.3	10.9
236	44.5	20.6	31.0

Manual Integrations

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Supervised By :mohammad ahmed 12/07/2024



#79

Terphenyl-d14

Concen: 505.746 ng

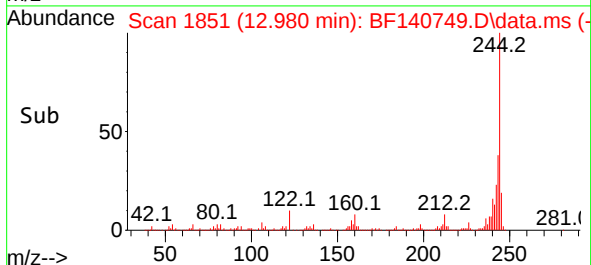
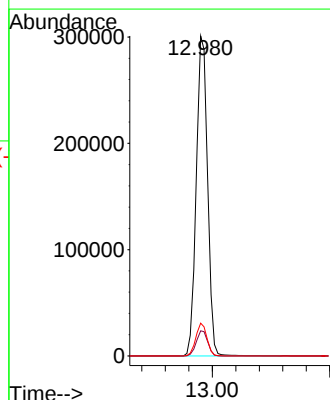
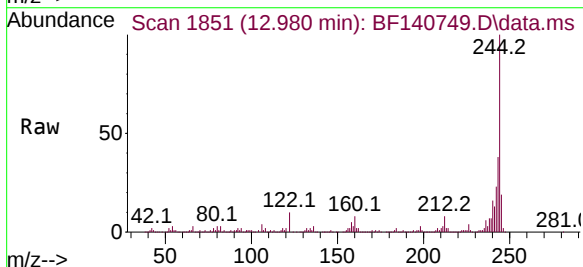
RT: 12.980 min Scan# 1851

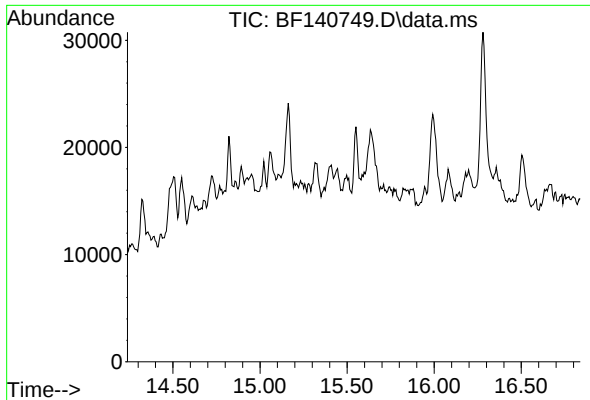
Delta R.T. -0.012 min

Lab File: BF140749.D

Acq: 05 Dec 2024 15:34

Tgt Ion:	244	Resp:	401607
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.8
122	10.2	8.0	12.0





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.54 min
Lab File: BF140749.D
Acq: 05 Dec 2024 15:34

Tgt Ion	264
Sig	Exp Ratio
264	100
260	23.8
265	20.8

Instrument :
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