Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
Data File : BM047438.D
Acq On : 04 Sep 2024 14:44
Operator : RC/JU
Sample : P3820-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STONE-1

Quant Time: Sep 04 15:26:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	257880	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	879136	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	483736	20.000	ng	0.00
64) Phenanthrene-d10	16.827	188	583536	20.000	ng	# 0.05
76) Chrysene-d12	21.062	240	840055	20.000	ng	# 0.04
86) Perylene-d12	23.756	264	943407	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	781112	58.113	ng	0.00
7) Phenol-d6	6.569	99	959256	52.388	ng	0.00
23) Nitrobenzene-d5	8.492	82	628132	39.644	ng	0.00
42) 2,4,6-Tribromophenol	15.551	330	322996	55.344	ng	0.02
45) 2-Fluorobiphenyl	12.610	172	1455278	46.224	ng	0.00
79) Terphenyl-d14	19.498	244	1268947	26.887	ng	0.05
Target Compounds						Qvalue

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

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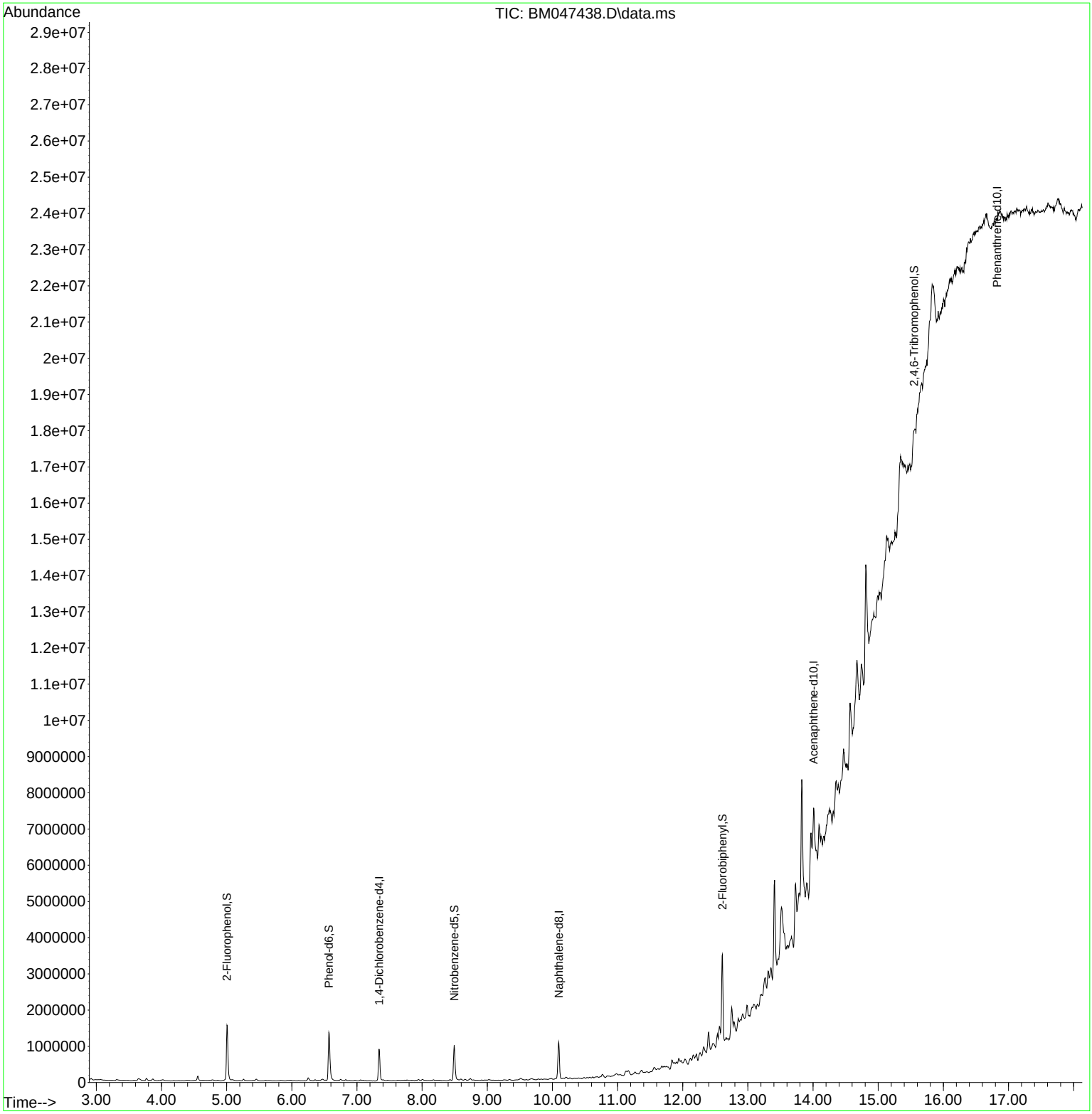

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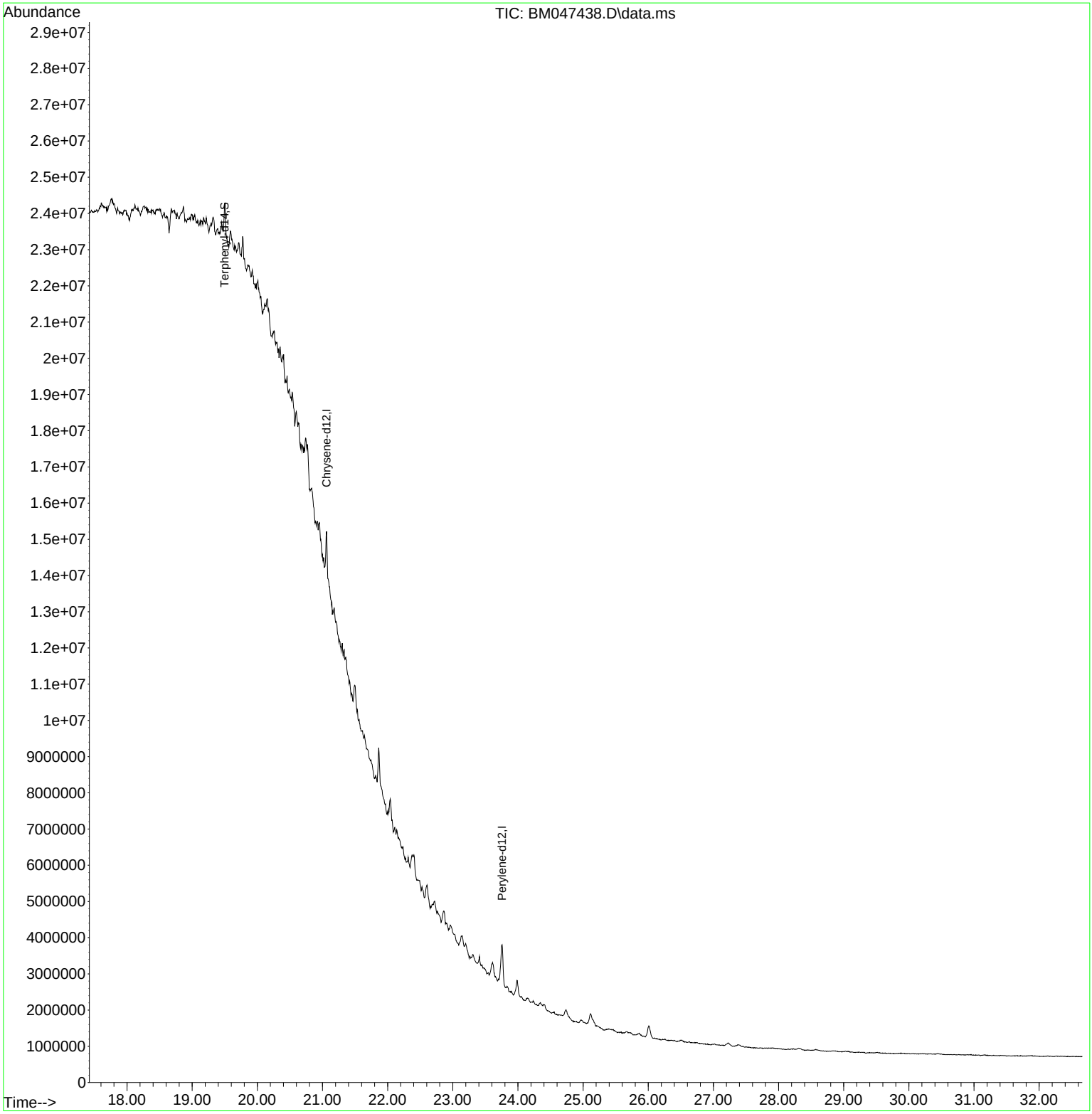
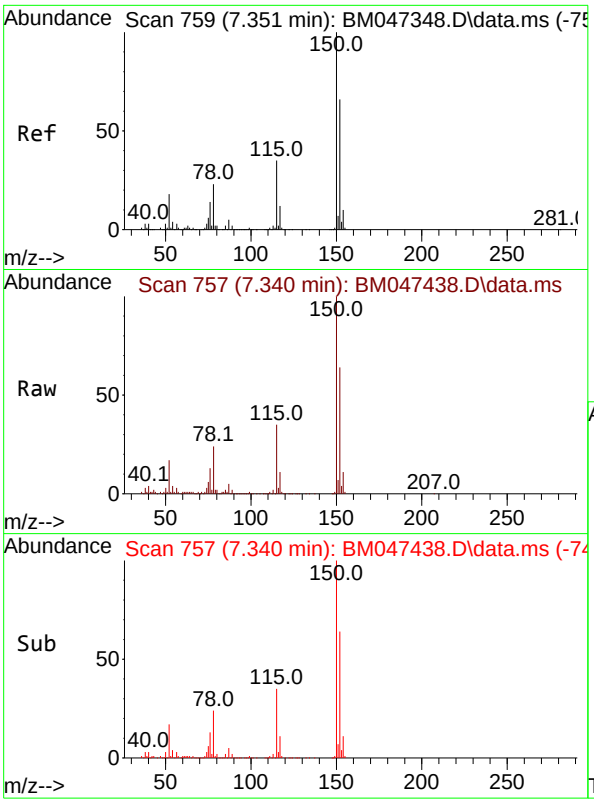


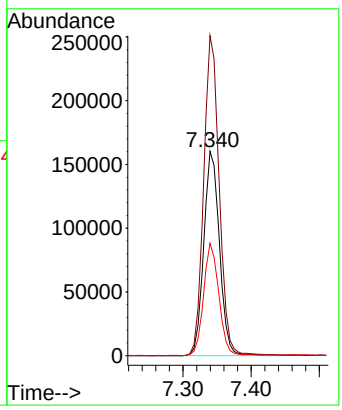


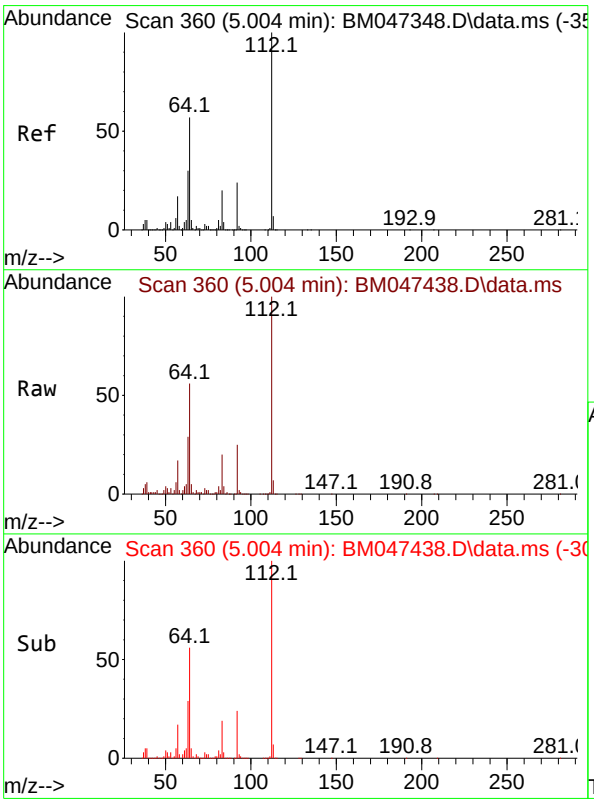
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 7
Delta R.T. -0.011 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :
STONE-1

Tgt Ion:152 Resp: 257880

Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.3	181.9
115	55.0	42.6	64.0

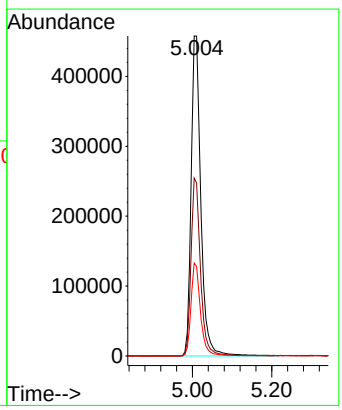


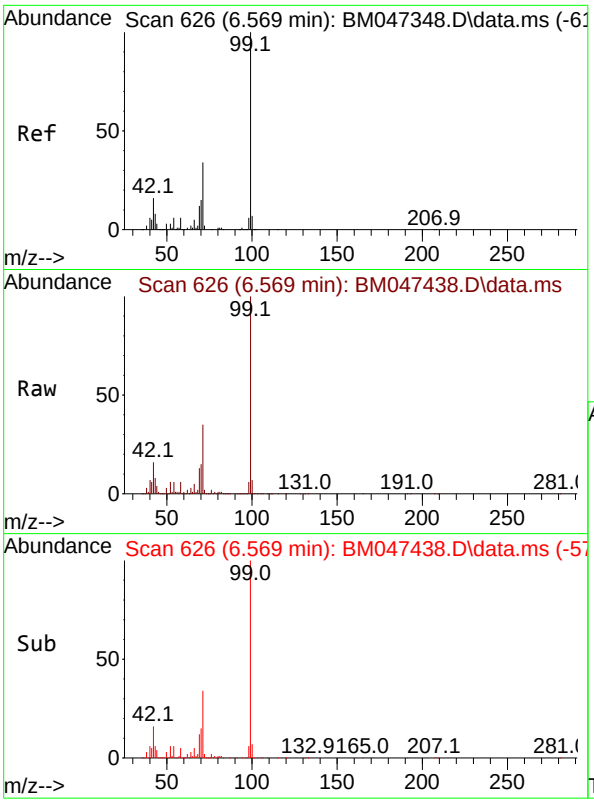


#5
2-Fluorophenol
Concen: 58.113 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:112 Resp: 781112

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.7	68.5
63	29.1	23.8	35.8



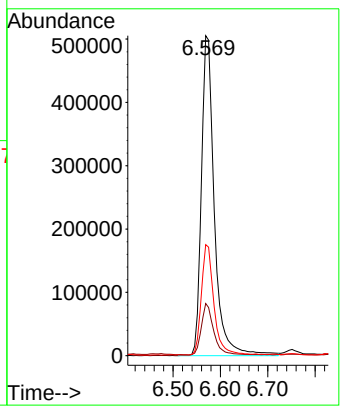


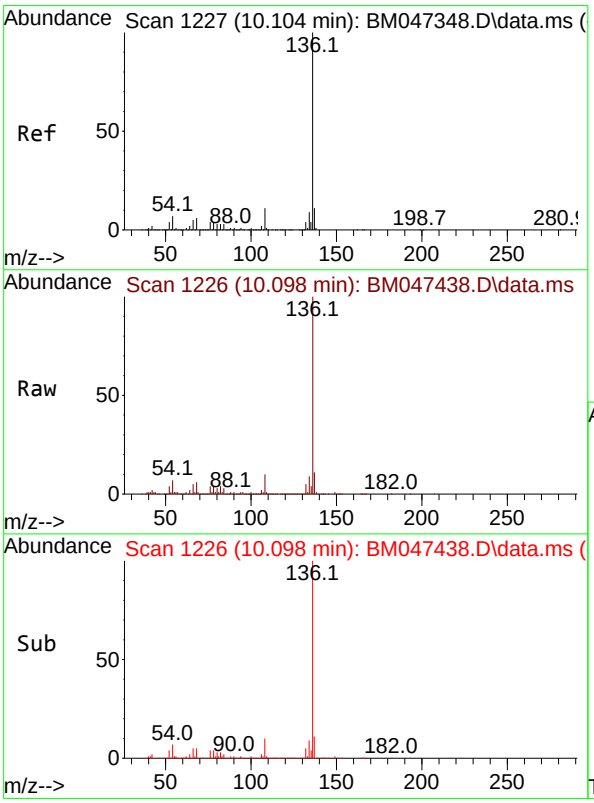
#7
Phenol-d6
Concen: 52.388 ng
RT: 6.569 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :
STONE-1

Tgt Ion: 99 Resp: 959256

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.4
71	34.7	27.5	41.3

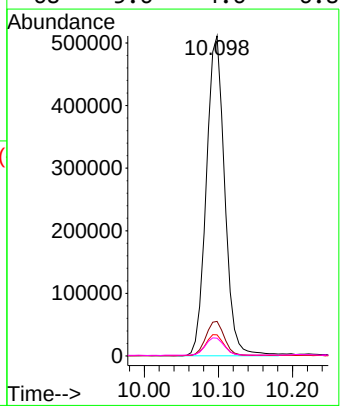


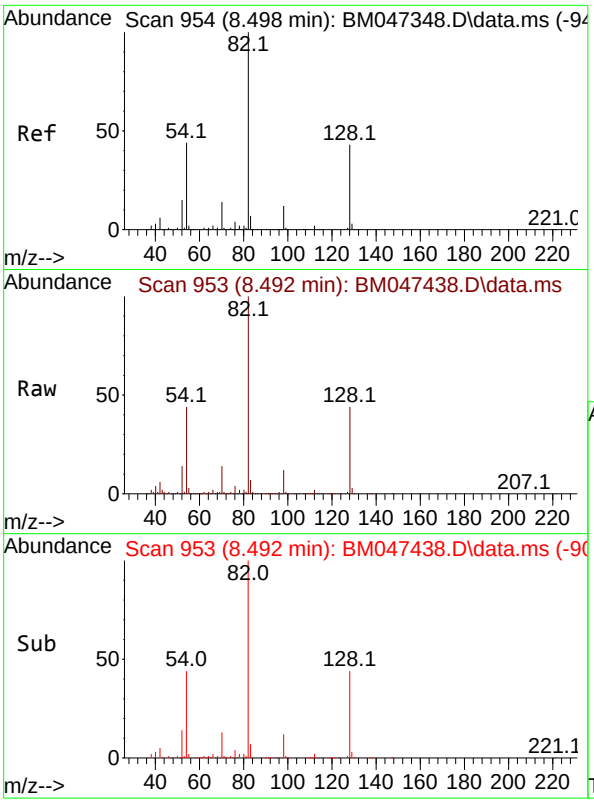


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:136 Resp: 879136

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.2	7.8
68	5.6	4.6	6.8



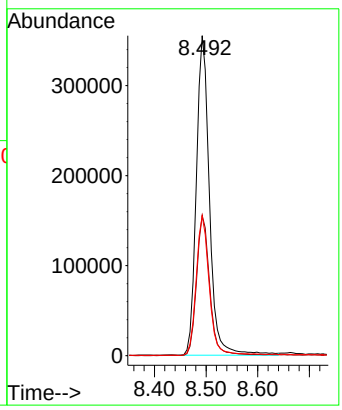


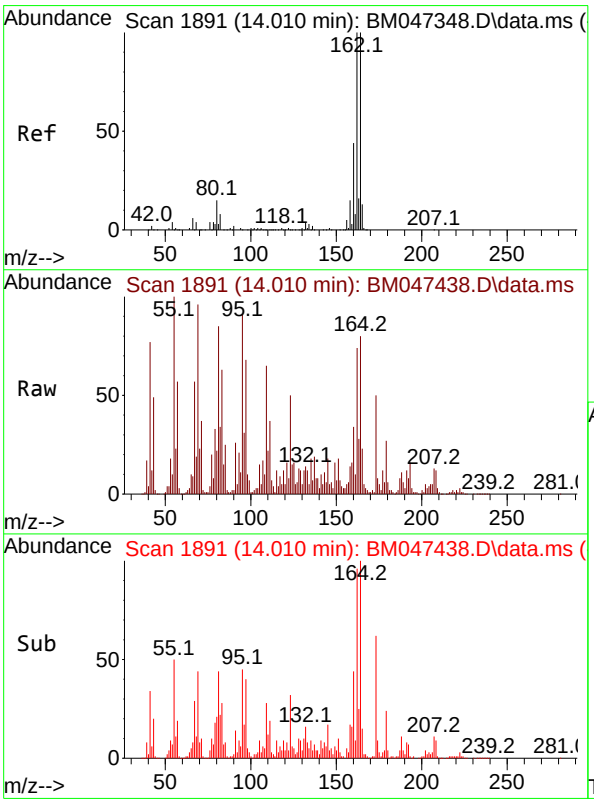
#23
Nitrobenzene-d5
Concen: 39.644 ng
RT: 8.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :
STONE-1

Tgt Ion: 82 Resp: 628132

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	43.7	35.5	53.3

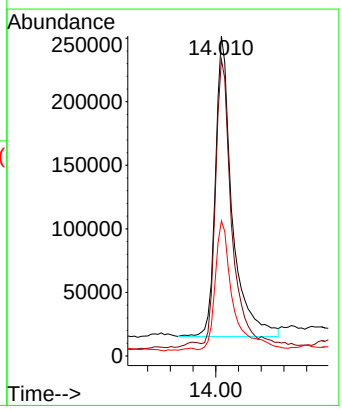


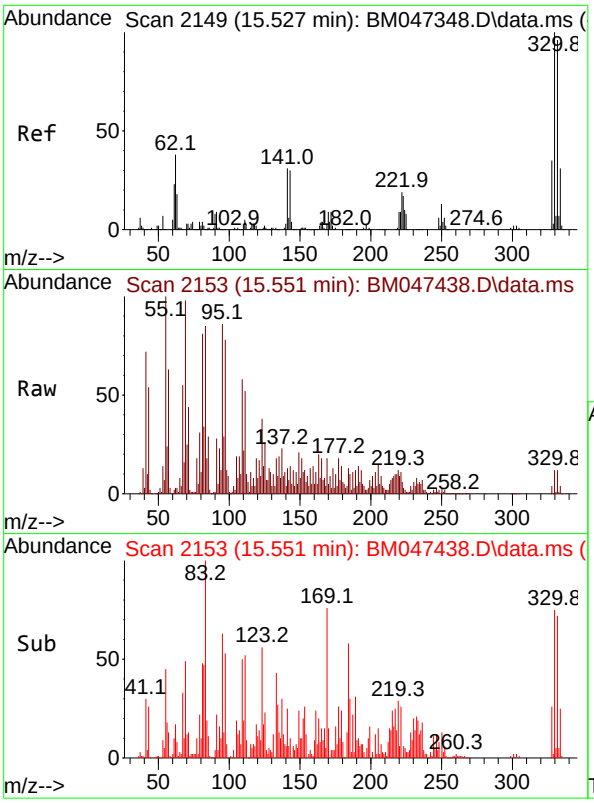


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:164 Resp: 483736

Ion	Ratio	Lower	Upper
164	100		
162	92.6	79.7	119.5
160	42.2	34.9	52.3



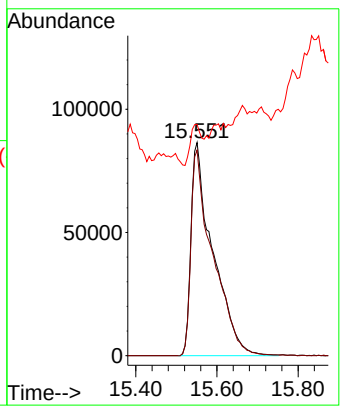


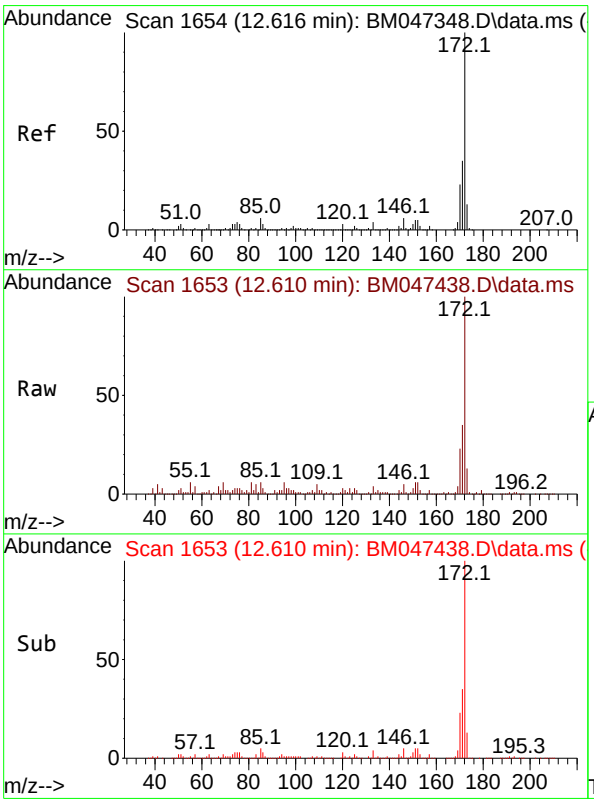
#42
2,4,6-Tribromophenol
Concen: 55.344 ng
RT: 15.551 min Scan# 2
Delta R.T. 0.024 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :
STONE-1

Tgt Ion:330 Resp: 322996

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	10.3	27.6	41.4#

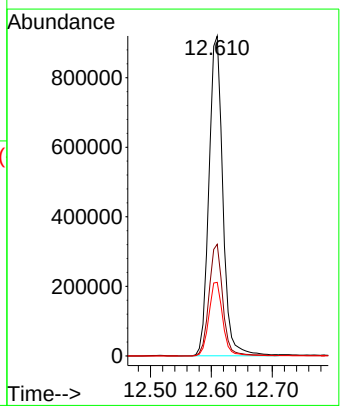


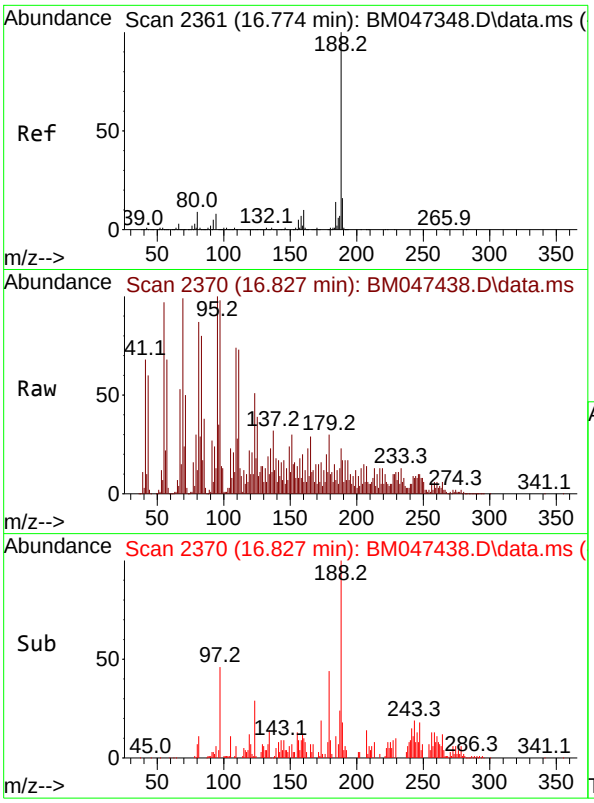


#45
2-Fluorobiphenyl
Concen: 46.224 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:172 Resp: 1455278

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.5	27.7



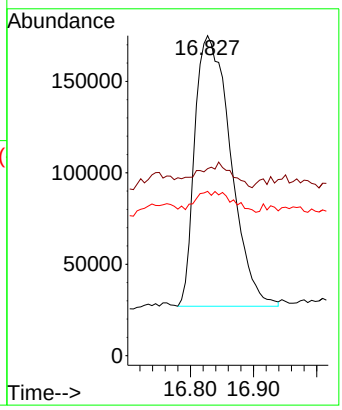


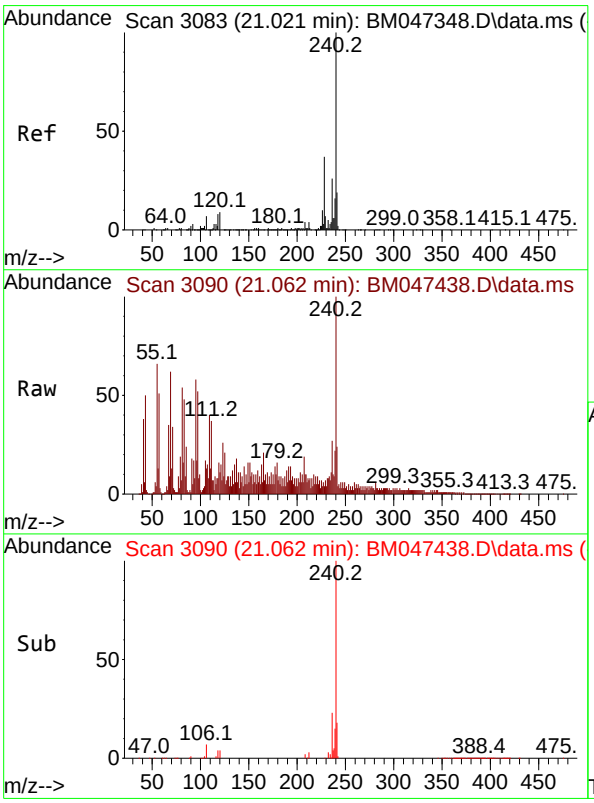
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.827 min Scan# 2
Delta R.T. 0.053 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :
STONE-1

Tgt Ion:188 Resp: 583536

Ion	Ratio	Lower	Upper
188	100		
94	58.5	6.4	9.6#
80	51.4	7.4	11.2#

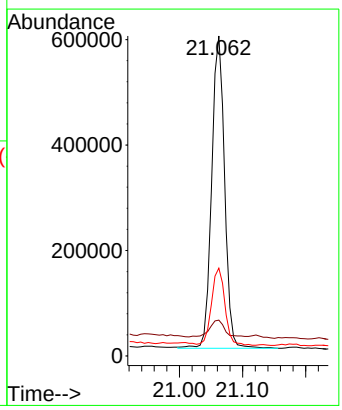


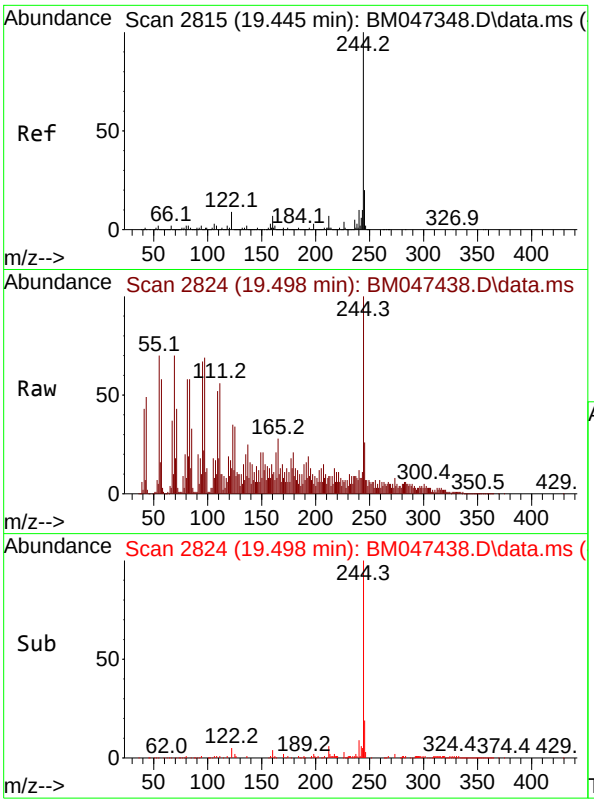


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.062 min Scan# 3090
Delta R.T. 0.041 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:240 Resp: 840055

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.4	11.0#
236	27.4	20.8	31.2



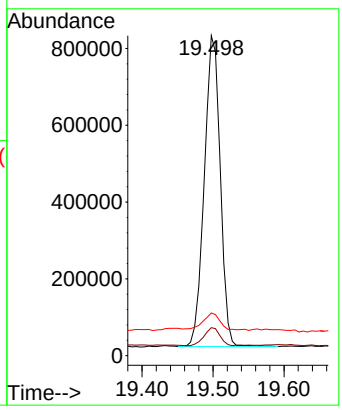


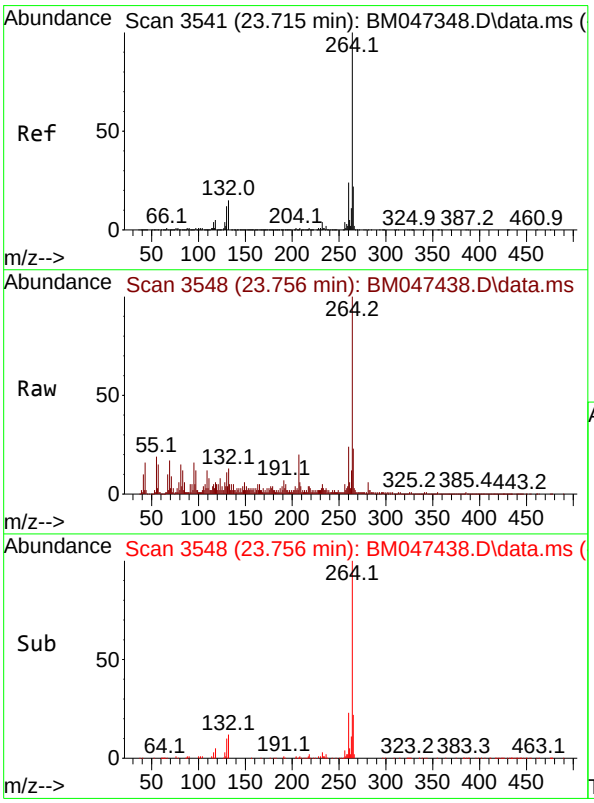
#79
Terphenyl-d14
Concen: 26.887 ng
RT: 19.498 min Scan# 2
Delta R.T. 0.053 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Instrument :
BNA_M
ClientSampleId :
STONE-1

Tgt Ion:244 Resp: 1268947

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.0	9.0
122	13.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.756 min Scan# 3548
Delta R.T. 0.041 min
Lab File: BM047438.D
Acq: 04 Sep 2024 14:44

Tgt Ion:264 Resp: 943407

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	23.0	17.8	26.6